

coal ENERGY

Issue 4 • 2018

From the Mine to the Utility

EPA PROPOSAL

MSHA GRANTS

**WORLD NEWS:
MALAYSIA**

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Coal Energy is a magazine linking the 4 main coal associations and remembering miners who have sacrificed their lives working in the coal mining industry.



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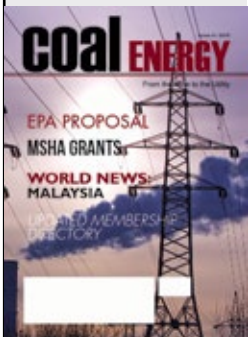


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letter from THE PUBLISHER



JANUARY 2019

Dear readers,

Welcome to Issue 4, 2018. As we close out the year, we are pleased to show an 8.5% increase in the comparable year to date coal production. For a closer look at statistics, please visit the statistics department on page 22.

In this issue we take a look at the EPA's proposal to revise NSPS, and how this proposal supports President Trump's energy dominance agenda.

Also featured are the recipients of MSHA's state grant funding. MSHA awarded grants to 46 states, the Navajo Nation, Guam, and the Commonwealth of the Northern Marina Islands to support safety and health courses and other programs.

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 15.

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.

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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
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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.aca-ausa.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>

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EPA PROPOSES 111(B) REVISIONS TO ADVANCE CLEAN ENERGY TECHNOLOGY

*Proposal Supports President Trump's Energy
Dominance Agenda*

WASHINGTON — Today, the U.S. Environmental Protection Agency (EPA) proposed to revise the New Source Performance Standards (NSPS) for greenhouse gas emissions from new, modified, and reconstructed fossil fuel-fired power plants. EPA is proposing, under Clean Air Act (CAA) section 111(b), to revise its determination of the best system of emission reduction (BSER) for these plants. This determination would replace EPA's 2015 determination that partial carbon capture and storage (CCS) technology was the BSER for new coal units.

“Consistent with President Trump’s executive order promoting energy independence, EPA’s proposal would rescind excessive burdens on America’s energy providers and level the playing field so that new energy technologies can be a part of America’s future,” said EPA Acting Administrator Andrew Wheeler. ***“By replacing onerous regulations with high, yet achievable, standards, we can continue America’s historic energy production, keep energy prices affordable, and encourage new investments in cutting-edge technology that can then be exported around the world.”***

“Today’s actions reflect our approach of defining new, clean coal standards by data and the latest technological information, not wishful thinking,” said EPA Assistant Administrator for the Office of Air and Radiation Bill Wehrum. ***“We take seriously our responsibility to protect public health and the environment in a manner consistent with the requirements of***

the Clean Air Act and will continue to do so. U.S. coal-fired power will be a part of our energy future and our revised standards will ensure that the emissions profiles of new plants continue to improve.”

This proposal will ensure that any new coal plants built in the United States use the most advanced, clean coal technologies that have been adequately demonstrated. The revised standard will be based on reality and comport with the requirements of the Clean Air Act. The previous administration sought to discourage new coal developments by requiring the use of unproven carbon capture and storage technologies that turned out to be economically prohibitive and limited geographically. By revising the NSPS, EPA will protect the environment while helping to provide room for American energy production to continue to grow and diversify, which is critical for long-term energy security and global competitiveness goals. EPA projects this proposed rule will not result in any significant carbon dioxide emissions changes or costs.

After further analysis and review, EPA proposes to determine that the best system of emission reduction (BSER) for newly constructed coal-fired units is the most efficient demonstrated steam cycle in combination with best operating practices. This proposed BSER would replace the determination from the 2015 rule, which identified the BSER as partial CCS. The primary reason for this proposed revision is the high costs and limited geographic availability of CCS.

This proposal includes four distinct actions based on a revised BSER:

- To revise the standards for newly constructed steam units as separate standards for large and small units.

For large units, the proposed emission rate would be 1,900 pounds of CO₂ per megawatt-hour on a gross output basis (lb CO₂/MWh-gross).

For small units, the proposed emission rate would be 2,000 lb CO₂/MWh-gross.

- To create separate standards of performance for newly constructed coal refuse-fired units.
Regardless of size, the proposed emission rate would be 2,200 lb CO₂/MWh-gross.
- To revise the standards for large modifications of steam generating units to be consistent with the standards for large and small newly constructed units.
- To revise the standards of performance for reconstructed fossil fuel-fired steam units – which are also based on the best available efficiency technology – to be consistent with the emission rates for newly constructed units.

EPA is also taking comment whether and how to address concerns raised by stakeholders regarding the increased use of simple cycle aeroderivative turbines, including as back-

up generation for wind and solar resources, whose operation may exceed the non-base load threshold described in the 2015 rule. Any follow-up regulatory actions would be achieved through a separate and subsequent regulatory proposal.

Finally, EPA is taking comment on the regulatory threshold under section 111(b) that a source category “causes, or contributes significantly to,” air pollution. EPA asks for the public’s views on the proper interpretation of this phrase, the agency’s historic approach to this requirement, and whether this requirement should apply differently in the context of greenhouse gases than for traditional pollutants.

EPA will take comment on the proposed Standards of Performance for Greenhouse Gas Emissions from New, Modified, and Reconstructed Stationary Sources: Electric Utility Generating Units, for 60 days after publication in the Federal Register and hold a public hearing. Details on the public hearing will be available shortly.

More information, including a pre-publication version of the Federal Register notice and a fact sheet, are available at: <https://www.epa.gov/stationary-sources-air-pollution/proposal-nsps-ghg-emissions-new-modified-and-reconstructed-egus>

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ANNOUNCES



\$10.5 MILLION

IN STATE GRANT FUNDING

ARLINGTON, VA – The U.S. Department of Labor’s Mine Safety and Health Administration (MSHA) has awarded \$10,537,000 in grant funding to support safety and health courses, and other programs. MSHA awarded grants to 46 states, the Navajo Nation, Guam, and the Commonwealth of the Northern Mariana Islands.

Grantees will use the funds to provide miners with federally mandated training. The grants cover training and retraining of miners working at surface and underground coal and metal and non-metal mines, including miners engaged in shell dredging or employed at surface stone, sand, and gravel mining operations.

states, and they are administered by state mine inspectors’ offices, state departments of labor, and state-supported colleges and universities. Each recipient tailors the program to the needs of its mines and miners – including mining conditions and hazards miners may encounter – and provides technical assistance.

Under Section 503 of the Federal Mine Safety and Health Act of 1977, any state in which mining takes place may apply for the grant. MSHA may fund 80 percent of the activities under a state grant program, and the state must provide matching funds of no less than 20 percent of the total program costs.

MSHA awarded grants based on applications from

Grant	City	State	Amount
Bevill State Community College	Sumiton	Alabama	\$242,189
University of Alaska – Fairbanks	Fairbanks	Alaska	\$133,462
Arizona State Mine Inspector	Phoenix	Arizona	\$373,847
Arkansas Department of Labor	Little Rock	Arkansas	\$126,932
California Department of Industrial Relations	Sacramento	California	\$374,240
Colorado Department of Natural Resources	Denver	Colorado	\$263,566
Commonwealth of the Northern Mariana Islands	Saipan	CNMI	\$13,000
Central Connecticut State University	New Britain	Connecticut	\$78,041
Tallahassee Community College	Tallahassee	Florida	\$166,734
Oconee Fall Line Technical College	Atlanta	Georgia	\$201,683
Guam Department of Labor	Tamuning	Guam	\$13,000
North Idaho College	Post Falls	Idaho	\$140,935
Illinois Department of Natural Resources	Springfield	Illinois	\$271,987
Vincennes University	Vincennes	Indiana	\$260,397
Eastern Iowa Community College District	Davenport	Iowa	\$184,836
Hutchinson Community College	Hutchinson	Kansas	\$122,352
Kentucky Energy and Environment Cabinet	Frankfort	Kentucky	\$529,102
Northshore Technical Community College	Greensburg	Louisiana	\$111,268

Maine Department of Labor Bureau of Labor Standards	Augusta	Maine	\$117,104
Maryland Department of the Environment	La Plata	Maryland	\$73,813
Massachusetts Department of Labor Standards	Boston	Massachusetts	\$94,331
Michigan Technological University	Houghton	Michigan	\$252,812
Minnesota State Colleges and University	St. Paul	Minnesota	\$381,063
Mississippi Department of Environmental Quality	Jackson	Mississippi	\$46,118
Missouri Department of Labor and Industrial Relations	Jefferson City	Missouri	\$267,461
Montana Department of Labor and Industry	Helena	Montana	\$218,737
Minerals Department	Window Rock	Navajo Nation	\$29,000
Board of Regents, University of Nebraska	Kearney	Nebraska	\$90,278
Nevada Department of Business and Industry	Carson City	Nevada	\$381,009
New Hampshire Dept. of Resources & Economic Development	Concord	New Hampshire	\$71,254
New Jersey Department of Labor and Workforce Development	Trenton	New Jersey	\$59,167
New Mexico Institute of Mining and Technology	Socorro	New Mexico	\$197,856
New York State Department of Labor	Albany	New York	\$325,239
North Carolina Department of Labor	Raleigh	North Carolina	\$180,161
North Dakota Department of Career and Technical Education	Bismarck	North Dakota	\$133,160
Ohio Department of Natural Resources	Columbus	Ohio	\$284,268
Oklahoma Department of Mines	Oklahoma City	Oklahoma	\$165,332
Eastern Oregon University	La Grande	La Grande	\$148,094
Pennsylvania Bureau of Mine Safety	Harrisburg	Pennsylvania	\$647,460
South Dakota School of Mines and Technology	Rapid City	South Dakota	\$93,656

Tennessee Department of Labor and Workforce Development	Nashville	Tennessee	\$190,049
University of Texas at Austin	Austin	Texas	\$631,175
Utah State University Eastern	Price	Utah	\$227,914
Vermont Department of Labor	Montpelier	Vermont	\$106,355
Virginia Department of Mines, Minerals and Energy	Big Stone Gap	Virginia	\$278,029
Eastern Washington University	Cheney	Washington	\$171,679
West Virginia Office of Miners' Health, Safety and Training	Charleston	West Virginia	\$591,955
Wisconsin Department of Safety and Professional Services	Madison	Wisconsin	\$170,000
Northern Wyoming Community College District	Gillette	Wyoming	\$304,900

TOTAL

\$10,537,000

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PRESS RELEASES

Paul T. Demzik Joins Arch Coal Leadership Team as Chief Commercial Officer / ST. LOUIS, Jan. 2, 2019

Arch Coal, Inc. (NYSE: ARCH) today announced that its board of directors has elected Paul T. Demzik as the company's chief commercial officer, effective immediately. Prior to joining Arch, Demzik was head of thermal coal trading at Anglo American for five years and president of Peabody COALTRADE for seven years. Demzik will report to Paul A. Lang, Arch's president and chief operating officer.

"We are excited to have Paul join the Arch team," Lang said. "He brings a wealth of experience, tremendous expertise in global coal markets and a proven track record of value creation to this important role. We look forward to Paul's leadership as we seek to expand our international reach and optimize the value of Arch's high-quality products in the marketplace."

In addition to his previous roles at Anglo American and

Peabody, Demzik has held leadership positions in trading, marketing and procurement at EdF Trading Limited, Transcor Corporation, Phibro Inc., and Koch Carbon, Inc. during the course of his career.

Paul earned a Bachelor of Science degree in mining engineering from the University of Missouri-Rolla and will be based in Arch's Saint Louis headquarters.

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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DOE Issues Notice of Intent for Funding Opportunity to Improve Recovery of Rare Earth Elements and Critical Materials from Coal-Based Resources/ December 18, 2018

The U.S. Department of Energy's (DOE) Office of Fossil Energy (FE) has issued a Notice of Intent (NOI) for a Funding Opportunity Announcement (FOA) focused on recovering rare earth elements (REE) and critical materials (CM) from domestic coal resources, using novel and conventional extraction, separation, and recovery processes.

DE-FOA-0002003, Process Scale-Up and Optimization/Efficiency Improvements for Rare Earth Elements (REE) and Critical Materials (CM) Recovery from Coal-Based Resources, will support FE's Rare Earth Elements program. The National Energy Technology Laboratory (NETL) will manage these projects. It is anticipated that the FOA will target two areas of interest (AOIs).

1. Production of REEs and CMs – Transitioning and Scale-Up of Novel Extraction/Separation Concept Development into Bench-Scale Facility REE/CM Production. Specifically, this AOI will focus on further development or scale-up of novel REE and CM extraction and separation concepts, leading to production of REEs and CMs in bench-scale facilities.

2. Production of REEs and CMs – Transitioning and Scale-Up of Conventional Extraction/Separation Pro-

cesses from Bench-Scale to Pilot-Scale Facility REE/CM Production. Specifically, this AOI will focus on further development or scale-up of bench-scale, conventional REE recovery processes, leading to the production of REEs and CMs in pilot-scale facilities.

The FOA is anticipated to be issued the second quarter of fiscal year 2019. Prospective applicants to the FOA should begin considering developing partnerships, formulating ideas, and gathering data in anticipation of its issuance. No applications will be accepted through the NOI, and all the information it contains is subject to change.

Read the full NOI, under Reference Number DE-FOA-0002003.

The Office of Fossil Energy funds research and development projects to reduce the risk and cost of advanced fossil energy technologies and further the sustainable use of the Nation's fossil resources. To learn more about the programs within the Office of Fossil Energy, visit the Office of Fossil Energy website or sign up for FE news announcements. More information about the National Energy Technology Laboratory is available on the NETL website.



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Peabody Honors Global Leadership And Innovation In Clean Coal Technologies/ ST. LOUIS, Dec. 5, 2018 /PRNewswire/

Peabody today highlighted best-in-class clean coal technologies with the company's Fifth Annual Peabody Global Clean Coal Leadership Awards. The awards were presented at POWER-GEN International in Orlando, Fla., and recognized outstanding examples of leadership and innovation among coal-fueled generating plants and projects, with honorees represented from China, India and the United States.

"Coal is an essential part of the global energy mix, and technology is the path to a future of energy security, economic progress and environmental solutions," said Peabody President and Chief Executive Officer Glenn Kellow. "As a long-time advocate for high-efficiency, low-emissions and carbon capture technologies, Peabody applauds this year's honorees for their exceptional work in advancing these key areas."

This year, Peabody named top performers within the categories of High-Efficiency Low-Emissions Leadership and Innovation; High-Efficiency and Sustainability Leadership and Innovation; and Carbon Capture and Storage Pioneer. The award honorees included:

Huaibei Shenergy Power Generation Co., Ltd – Honored for High-Efficiency Low-Emissions Leadership and Innovation. The 1,350-megawatt ultra-supercritical coal-fueled generation unit is currently under construction in China and is expected to be among the most efficient coal-fueled generating plants in the world. Commission is targeted in 2020.

Nabha Power Limited, a wholly owned subsidiary of Larsen & Toubro – Recognized for High-Efficiency and Sustainability Leadership and Innovation. The 1,400-megawatt powerplant in Rajpura, Punjab achieved the best heat rate and auxiliary power consumption in India's 660-megawatt class for FY 2017 – 2018 and has 100 percent dry fly ash utilization and zero liquid discharge.

Wyoming Integrated Test Center – Named Carbon Capture and Storage Pioneer. The test center is one of the few research and testing facilities at an operating coal-fueled generating plant and offers space for researchers to test CCUS technologies using 20 megawatts of coal-based flue gas. Additional research looks at taking carbon emissions from flue gas and turning it into a marketable commodity.

"Our 2018 recipients reinforce the major environmental benefits that can be achieved using today's

advanced coal-fueled generation technologies as well as the tremendous possibilities for technology in the future," said Vice President of Coal Generation and Emissions Technologies Holly Krutka.

The Peabody Global Clean Coal Leadership Awards program was established in 2014 to showcase coal-fueled power plants for top environmental performance, highlight innovative leadership and improve education about the benefits 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. Peabody offers significant scale, high-quality assets, and diversity in geography and products. Peabody is guided by seven core values: safety, sustainability, leadership, customer focus, integrity, excellence and people. For further information, visit **PeabodyEnergy.com**.

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Westmoreland Announces Resignation of Chief Financial Officer

/ Englewood, CO – December 12, 2018

Westmoreland Coal Company (“Westmoreland”) (OTCMKTS: WLBAQ) announced today that Gary Kohn has informed Westmoreland that, for personal reasons, he is resigning from his position as chief financial officer effective January 4, 2019.

“On behalf of the Westmoreland team, I want to thank Gary for his strong leadership throughout the restructuring process as well as his many contributions to Westmoreland during his tenure. We wish him all the best in his future endeavors,” said Michael Hutchinson. “Westmoreland remains well positioned to complete its restructuring proceedings in an expedient manner with a goal of emerging as a stronger, more stable business in the first quarter of 2019.”

About Westmoreland Coal Company Westmoreland Coal Company is the oldest independent coal company in the United States. Westmoreland’s coal operations include surface coal

mines in the United States and Canada, underground coal mines in Ohio and New Mexico, a char production facility, and a 50% interest in an activated carbon plant. Westmoreland also owns the general partner of and a majority interest in Westmoreland Resource Partners, LP (“WMLP”), a publicly-traded coal master limited partnership (OTCMKTS:WMLPQ).

For more information, visit www.westmoreland.com.

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Long Overdue Proposed Revisions to MATS Regulation Welcome, Highlight the Damage of Prior Government Overreach

/ WASHINGTON, D.C., December 28, 2018

The Environmental Protection Agency (EPA) today announced it will reassess the punitive and unbalanced Mercury and Air Toxics Standards (MATS), the National Mining Association (NMA) said today.

“We welcome the agency’s proposal to revisit what stands as perhaps the largest regulatory accounting fraud perpetrated on American consumers,” said Hal Quinn, NMA President and CEO. “By suppressing the real costs while double-counting potential benefits, the last administration made American households and businesses pay \$960 in exchange for 60 cents in potential benefits.

Surely EPA will now understand that no rational person would voluntarily agree to such a massively unbalanced arrangement.”

Background

The 2012 MATS rule carried with it annual compliance costs of \$9.6 billion, yielding just \$4-\$6 million in estimated benefits. Half the costs—more than \$5 billion per year—were associated with controlling non-mercury emissions EPA admitted did not pose any health threat.

While EPA predicted that the MATS rule would result in less than 5 gigawatts (GW) of coal retirements, the actual re-

sult turned out to be nearly 10 times as high.

After legal challenges from NMA and others, the Supreme Court ultimately found that EPA had adopted MATS without appropriate consideration of costs, and therefore reversed and remanded the decision of the D.C. Circuit Court. By that time, however, the short lead time required to come into compliance with the unlawful regulation had already passed, and many plant operators had already made the decision to shut down coal-fueled plants rather than incur the extraordinary costs of installing technology that made their plants less efficient.

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.

Renovation of existing facilities can improve efficiency and meet the customer’s ever-changing requirements.



Building silos, conveyors, and controls for handling coal is an area of expertise for Borton.



(Converse County, Wyoming)



(Louden, Tennessee)

Whether the customer’s project includes loading out by train, truck, or ship, Borton will incorporate the latest technology in automation, scales, and conveying.

Alliance Resource Partners, L.P. Names Craft Chairman of Board of Directors; Druten Elected to Replace Retiring Chairman Neafsey / Company Release - 1/7/2019 9:30 AM ET

TULSA, Okla.--(BUSINESS WIRE)-- Alliance Resource Partners, L.P. (NASDAQ: ARLP) today announced that Joseph W. Craft III, President and Chief Executive Officer of ARLP's general partner, has assumed the additional role of Chairman of the general partner's Board of Directors. Mr. Craft replaces John P. Neafsey, who retired effective January 1, 2019 after serving as Board Chairman since 1999.

"Jack Neafsey has been a key member of the Alliance team since our initial public offering in 1999," said Mr. Craft. "Jack's leadership over the years has been invaluable to the growth and success enjoyed by ARLP and he has our deepest appreciation and gratitude for his many contributions. With Jack stepping down, I look forward to assuming this additional role and working to assure Alliance's continued success."

Mr. Craft was instrumental in the acquisition of the Alliance coal business in 1996 by the Beacon Group from MAPCO Coal Inc., and has served as President and Chief Executive Officer of ARLP's general partner since its formation and led ARLP's IPO in 1999. Mr. Craft also served as Chairman, President and CEO of the general partner of Alliance Holdings GP, L.P. ("AHGP") since its inception (AHGP was a publicly traded master limited partnership from 2006 until completion of ARLP's simplification transactions in 2018). Mr. Craft has been an active supporter of the coal and energy industries throughout his career, and is a Board member and former

Chairman of the National Coal Council, a Board Member of the National Mining Association, and a Director and past Chairman of American Coalition for Clean Coal Electricity.

Alliance also announced that, concurrent with Mr. Neafsey's retirement, Robert J. Druten has been elected to the general partner's board of directors and will serve as Chairman of its Conflict Committee and as a member of its Audit and Compensation Committees. Mr. Druten served as a director of AHGP's former general partner from January 2007 through December 2018.

"I am pleased that Bob Druten is continuing in an important role with the Alliance team," said Mr. Craft. "Bob's previous tenure as an AHGP director, in addition to his decades of business leadership, knowledge and experience will serve ARLP well as we pursue our goal of creating long-term value for unitholders."

Mr. Druten currently serves as Chairman of the Board of Directors of Kansas City Southern Industries, Inc. He is also a Trustee and Chairman of the Board of Entertainment Properties Trust and a member of its Audit, Compensation, Finance and Governance Committees. Mr. Druten previously served as Executive Vice President and Chief Financial Officer of Hallmark Cards, Inc. from September 1994 until his retirement in August 2006.

About Alliance Resource Partners, L.P.

ARLP is a diversified natural re-

source company that generates income from coal production and oil and gas mineral interests located in strategic producing regions across the United States.

ARLP currently produces coal from eight mining complexes it operates in Illinois, Indiana, Kentucky, Maryland and West Virginia. ARLP also operates a coal loading terminal on the Ohio River at Mount Vernon, Indiana. ARLP markets its coal production to major domestic and international utilities and industrial users and is currently the second largest coal producer in the eastern United States.

ARLP generates royalty income from mineral interests it owns in premier oil and gas producing regions in the United States, primarily the Anadarko, Permian, Williston and Appalachian basins.

ARLP also generates income from a variety of other sources, including investments in gas compression services.

News, unit prices and additional information about ARLP, including filings with the Securities and Exchange Commission, are available at <http://www.arlp.com>. For more information, contact the investor relations department of ARLP at (918) 295-7674 or via e-mail at investorrelations@arlp.com.

Brian L. Cantrell
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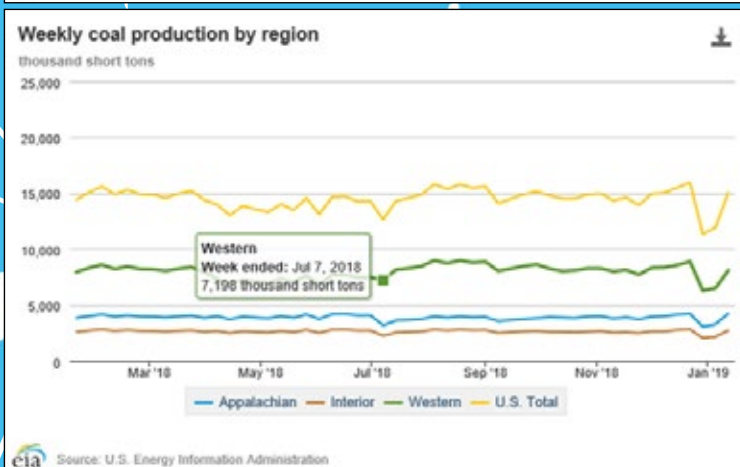
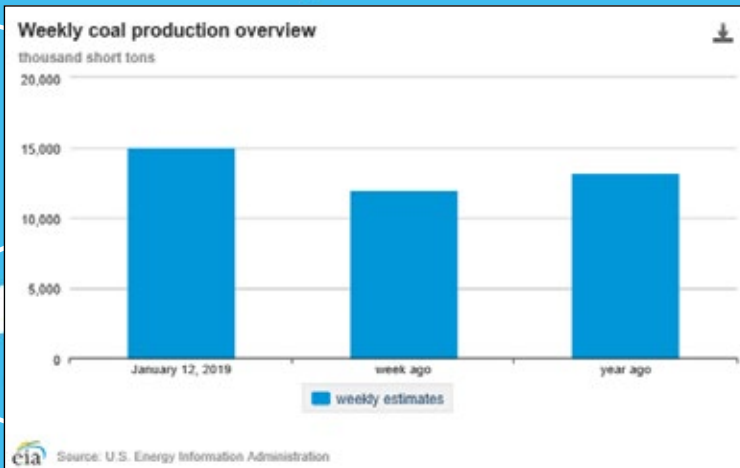
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WEEKLY COAL PRODUCTION

Release date: January 17, 2019

For the week ended January 12, 2019

- Estimated U.S. coal production totaled approximately 15.1 million short tons (mmst)
- This production estimate is 26.1% higher than last week's estimate and 13.9% higher than the production estimate in the comparable week in 2018
- East of the Mississippi River coal production totaled 6.5 mmst
- West of the Mississippi River coal production totaled 8.6 mmst
- U.S. year-to-date coal production totaled 23.7 mmst, 8.5% higher than the comparable year-to-date coal production in 2018



Average weekly coal commodity spot prices dollars per short ton

	Week ending		01/04/19	01/11/19	01/18/19	Week ago change
	12/21/18	12/28/18				
CENTRAL APPALACHIA <i>12,500 Btu, 1.2 SO2</i>	\$81.40	\$81.40	\$83.90	\$83.90	\$79.50	\$-4.40
NORTHERN APPALACHIA <i>13,000 Btu, < 3.0 SO2</i>	\$63.75	\$63.75	\$65.70	\$65.70	\$67.70	\$2.00
ILLINOIS BASIN <i>11,800 Btu, 5.0 SO2</i>	\$38.95	\$38.95	\$38.95	\$38.95	\$38.95	\$0.00
POWDER RIVER BASIN <i>8,800 Btu, 0.8 SO2</i>	\$11.95	\$11.95	\$11.90	\$11.90	\$13.10	\$1.20
UINTA BASIN <i>11,700 Btu, 0.8 SO2</i>	\$40.40	\$40.40	\$40.25	\$40.25	\$40.10	\$-0.15

Source: With permission, SNL Energy

Note: Prompt quarter delivery coal prices by each region are shown above. The prompt quarter is the quarter that follows the current quarter. For example, the second quarter is the prompt quarter of a period from January to the end of March. In the row headings, the Btu values represent heat content per pound of coal, and the SO2 values reflect pounds of SO2 per MMBtu. Because the historical spot price data are proprietary, they cannot be released by EIA; see SNL Energy. SNL Energy.

MALAYSIA'S MANJUNG 4

World News: MALAYSIA



According to the IEA's Energy Access Outlook 2017 report, nearly all of those who gained access to electricity worldwide in the last 16 years, did so through new grid connections, mostly from fossil fuels – 45% of which came from coal. Coal is critical to socio-economic development. It currently provides 37% of the world's electricity and is essential in the production of 75% of the world's steel and 85% of cement.

For many developing countries, especially those in Southeast Asia, excluding coal from the energy mix is not an option because improved energy access drives economic development.

Rising coal use in ASEAN also highlights a need for greater focus on emissions reduction.

In a recently published report "HELE perspectives for selected countries" the IEA Clean Coal Centre (IEACCC), looked at the prospects of high efficiency low emission (HELE) coal technologies in selected ASEAN countries, including Malaysia.

The report highlighted Malaysia's commitment to the use of the most efficient technologies including ultra-supercritical (USC).

HELE technologies can reduce CO₂ emissions by as much as 35% compared to older less effi-

cient technology. These technologies include supercritical (SC), ultra-supercritical (USC) and advanced ultra-supercritical (AUSC) technologies.

Malaysia has the third-largest economy in Southeast Asia and is also the third largest energy consumer in the region. In a recent WCA article, it was noted that since 2000, there has been an increasing role of coal in Malaysia's electricity mix. Today the fuel makes up 25% of the country's power mix; by 2040, coal is expected to make up almost 60%. It's therefore no wonder that the country is choosing the best available technology to help



it continue to use a fuel that is readily available and affordable.

Manjung 4 is Southeast Asia's first ultra-supercritical coal-fired power plant, generating enough electricity to power nearly two million households in Malaysia.

Situated on the Manjung Island, the plant generates 1000 megawatts (MW) of electricity and is considered Malaysia's most efficient coal-fired power plant.

Together with its sister plants Manjung 1, Manjung 2 and Manjung 3, all with a total capacity of 2100 MW, the site now supplies 20% of Malaysia's electricity. Manjung 4 is owned by the semi-

governmental company Tenaga in conjunction with technical partner General Electric.

During a recent media trip, reporters were told that Manjung 4 has sophisticated environmental and air quality control technologies (AQCS), which can significantly reduce SO_x and NO_x emissions up to 70% compared to the other Manjung units. The technology at Manjung 4 also reduces CO₂ emissions by about 4-5% – a reduction that can play a significant role on emissions control in the entire ASEAN region.

The plant uses cleaner coal technology such as Pulverised Fuel

Firing (PFF), Flue Gas Desulphurisation (FGD), Electrostatic Precipitator (ESP), low sulphur sub-bituminous grade coal and low nitrogen oxide burners.

With state-of-the art HELE plants such as Manjung 4, Malaysia can benefit from affordable, reliable and accessible electricity from coal to support economic growth while significantly reducing emissions consistent with their climate objectives.

Using low emission coal technology also prepares Malaysia for carbon capture, use and storage (CCUS), which is critical to its long term climate ambitions.

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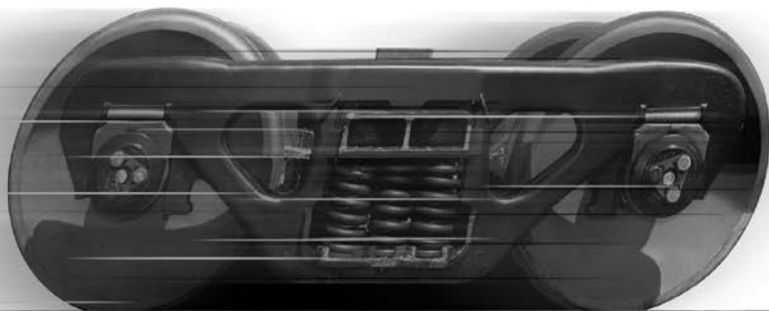
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APRIL 1-3, 2019

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JUNE 10-12, 2019

Operations and
Maintenance Conference
Clayton, Missouri

JULY 31, 2019

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SEPTEMBER 9-11, 2019

Forty-Fifth Annual Business
Meeting and General
Conference

Baltimore, Maryland

RMEL

FEBRUARY 20-21, 2019

Steam Generation Cycling
Symposium

Overland Park, Kansas

FEBRUARY 22, 2019

Safety Roundtable
Westminster, Colorado

MARCH 6-7, 2019

Transmission Planning and
Operations Conference

Lone Tree, Colorado

MARCH 26-27, 2019

Distribution Conference
Salt Lake City, Utah

MARCH 27-28, 2019

Safety Conference
Kansas City, Missouri

APRIL 17-18, 2019

Security Symposium
Phoenix, Arizona

MAY 20-22, 2019

2019 Spring Conference
Phoenix, Arizona

JUNE 26, 2019

2019 RMEL Foundation Golf
Tournament

Littleton, Colorado

SEPTEMBER 16-18, 2019

2019 Fall Convention
Kansas City, Missouri

AMERICAN COAL COUNCIL

MARCH 5-7, 2019

Spring Coal Forum
Clearwater, Florida

AMERICAN COAL ASH ASSOCIATION

JANUARY 30-31, 2019

ACAA 2019 Winter Meeting
Houston, Texas

MAY 13-16, 2019

World of Coal Ash 2019
St. Louis, Missouri

NATIONAL MINING ASSOCIATION

SEPTEMBER 28-30, 2020

MINExpo INTERNATIONAL
Las Vegas

AMERICAN SOCIETY OF MINING & RECLAMATION

JUNE 3-7, 2019

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