

coal ENERGY

Issue 1 • 2016

From the Mine to the Utility

SAGO MINE DISASTER
ANNIVERSARY

PRESIDENTIAL
CANDIDATES ON
ENERGY

WORLD NEWS:
JAPAN



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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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letter from THE PUBLISHER



MARCH 2016

Dear readers,

Welcome to Issue 1, 2016 of **Coal Energy**.

In this issue, our main focus is to take a look at the upcoming presidential candidates' views on energy.

We also ask that you take a moment of silence to honor the eleven brave coal miners who lost their lives working in the industry in 2015. We will be featuring a memorial section in honor of these miners in the next issue of **Coal Energy**.

On January 2nd 2016 it was the 10 year anniversary of the SAGO Mine Disaster. Ten years ago twelve miners lost their lives this day during an explosion. This tragedy however was crucial in the development on the MINER act of 2006.

In every issue, **Coal Energy** includes a world news piece to bring the reader up to date on import/export and investment news around the globe. In this issue we take a look at Japan's news on developing high efficiency coal technologies.

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

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Warmest regards,

A handwritten signature in dark ink, reading 'Maria Martonick'.

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NMA serves its membership by:

- Promoting the safe production and use of coal and mineral resources
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www.nma.org

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Mission:

The Mission of the NCTA is to provide education and facilitation for the resolution of coal transportation issues in order to serve the needs of the general public, industry, and all modes of transportation.

This is accomplished through the sponsoring of educational forums and providing opportunities for the lawful exchange of ideas and knowledge with all elements of the coal transportation infrastructure.

www.nationalcoaltransportation.org

AMERICAN SOCIETY OF MINING AND RECLAMATION

Mission:

ASMR, American Society of Mining and Reclamation, was established in 1983 to serve the mining and reclamation community as an outlet for scientific research and demonstration papers through annual National meetings. These reclamation projects include activities associated with all kinds of drastically disturbed lands.

<http://fp1.ca.uky.edu/asmr/>

AMERICAN COAL COUNCIL

Mission:

The American Coal Council (ACC) is dedicated to advancing the development and utilization of coal as an economic, abundant/secure and environmentally sound energy fuel source.

The Association promotes the lawful exchange of ideas and information regarding the coal industry. It serves as an essential resource for companies that mine, sell, trade, transport or consume coal. The ACC provides educational programs, advocacy support, peer-to-peer networking forums and market intelligence that allow members to advance their marketing and management capabilities.

www.americancoalcouncil.org

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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.

<http://www.worldcoal.org/about-wca/>

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Mission:

It is RMEL's mission to provide a forum for education and the sharing of ideas to better serve the electric energy industry and its customers.

www.rmel.org

COAL TRADING ASSOCIATION

Mission:

The Coal Trading Association (CTA) is the only trade association dedicated exclusively to the needs of traders, trading managers, brokers, risk managers, sales managers, and purchasing managers in the coal trading industry.

CTA was established in 1999 to promote coal trading capability and liquidity in the US. CTA develops and maintains industry standards for coal trading activity with the goal of achieving a disciplined, liquid and efficient coal trading industry. To achieve this goal, CTA develops policies, exchanges information among members and other interested professional and technical groups, and offers training programs to improve the knowledge, skills, and practice tools of its members.

www.coaltrade.org

MSHA COMMEMORATES 10-YEAR ANNIVERSARY OF SAGO MINE DISASTER

ARLINGTON, Va. – Assistant Secretary of Labor for Mine Safety and Health Joseph A. Main today issued the following statement on the 10-year anniversary of the Sago Mine disaster:

//

On Jan. 2, 2006, at approximately 6:30 a.m., the Sago coal mine in Tallmansville, West Virginia, exploded with 29 miners underground. Although 16 successfully escaped, 12 miners lost their lives and one was seriously injured.

Two other disasters followed that year – the Jan. 19 Aracoma Alma Mine fire in West Virginia that killed two miners, and the Darby Mine explosion in Kentucky on May 20 that killed five miners. All three of these fatalities were pivotal in the passage of the Mine Improvement and New Emergency Response (MINER) Act of 2006.

Among its provisions, the MINER Act called for the establishment of emergency response plans by every mine operator, better trained and more readily available mine rescue teams, enhanced technology to facilitate two-way communication between surface and underground personnel, and stronger seals between active and abandoned areas. It also added post-mine emergency protections for miners, such as oxygen devices that are more accessible, refuge shelters and lifelines.

While the legislation put into place increased protections for miners, we know that our work is not done and more actions are needed. MSHA has been working hard to address the lessons learned from Sago and other mining tragedies to ensure that all miners can put in their shift and return home to their loved ones safe and healthy. We will never forget our fallen miners, and on this 10th anniversary of the Sago mine disaster, we pledge our continued efforts to eliminate these needless tragedies.

//

PLEASE STAY TUNED FOR COAL ENERGY'S MEMORIAL TO HONOR OUR BRAVE COAL MINERS WHO LOST THEIR LIVES IN THE INDUSTRY IN 2015

1. Rick Kline, 43, January 28th 2015, LCT Energy , LP
2. Todd Timble, 29, February 20th 2015, Rosebud Mining Company
3. John M. Garloch, 45, March 8th 2015, Ohio Valley Resources, Inc.
4. David W. Brummitte, 34, March 16th 2015, Alpha Natural Resources, Inc.
5. Von E. Bower, 52, March 17th 2015, Alpha Natural Resources, Inc.
6. Roy Mullins, 45, May 28th 2015, Cambrian Coal Corporation
7. Glen A. Campbell, 59, May 31st 2015, Peabody Energy
8. John Kelly, 55, June 28th 2015, Mepco Intermediate Holdings LLC
9. Rickey A. Thorpe, 29, September 16th 2015, Alliance Resource Partners LP
10. Bobby Wimberly, 58, October 5th 2015, Cahaba Resources LLC
11. Tyler D. Rath, 20, December 8th 2015, Murray Energy

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IN THEIR OWN WORDS 2016 PRESIDENTIAL CANDIDATES ON ENERGY

Below is a selection of quotes and coverage of the announced presidential candidates' statements and actions on the renewable energy policies, including the Production Tax Credit for wind energy

REPUBLICAN CANDIDATES

TED CRUZ (R)

Sen. Cruz: We Should Pursue An All-Of-The-Above Energy Strategy; Obama Administration Has "Waged A War" On Oil & Gas, And Coal Industries.

On October 23, 2015, Sen. Cruz spoke at the Pottawattamie County Republican Party Town Hall in Council Bluffs, Iowa. At the event, Sen. Cruz said, "When it comes to energy, I think we should pursue all of the above. America is blessed with abundant energy sources, and we ought to pursue everything. We ought to pursue oil and gas, and coal, nuclear, wind, and solar, and biofuel and ethanol. All across the board, we ought to use the tremendous resources we have. You look at what this administration has done, it has waged a war on energy. It's waged a war on oil and gas, and it has waged a war on coal, something fierce." [American Bridge, 151023_MJL_445_D (28:30), 10/23/15 (video available from American Bridge)]

Sen. Cruz Called For Abolishing All Energy Subsidies "Across The Board, And Allow Competition To Play Out."

During a June 2015 campaign stop in Sheldon, IA, Sen. Cruz said, "We've got to stop this business of selecting one group, and then another, and then another. And that's the left's trick – they want to buy everyone off. I think we should abolish all of the energy preferences across the board, and allow competition to play out." [American Bridge, 6/11/15 (video available from American Bridge)]

Sen. Cruz Opposed Production Tax Credit For Wind; Likened PTC To Federal Government "Picking Winners And Losers."

In March 2015, Sen. Cruz spoke at the Iowa Agricultural Summit in Des Moines. Bruce Rastetter, an "agribusiness mogul

who organized the summit and has a large financial stake in the continuation of the" Renewable Fuel Standard, asked Sen. Cruz, "What's your perspective ... with wind? Texas is a large wind state; Iowa's number two or three. The wind tax credit expired at the end of December [2014]." Sen. Cruz responded, "Look, I think wind is terrific. As you know Texas and Iowa are one and two in the country in wind production, but once again I don't think it should be the federal government dictating that. You know my view, when it comes to trying to get the federal government out of your lives, trying to stop the EPA, trying to stop OSHA, trying to stop federal regulators from descending on your farms and making it harder for you to produce, for you to do your jobs – you have no greater friend and ally than I am. But when it comes in the energy business to anyone engaged in picking winners and losers – and listen, I put this more broadly to corporate welfare. I have been an outspoken opponent of corporate welfare. Now listen, in Texas, we're the number one wind producer in the [country]; that's not necessarily a popular position back home. I've been outspoken in allowing the Export-Import Bank to expire; it's another example of corporate welfare where taxpayer dollars are benefiting giant corporations. I don't think we should be doing that; I think we need to be fiscally responsible and I have every bit of faith that businesses can continue to compete, can continue to do well without having to go on bended knee to Washington asking for subsidies, asking for special favors. I think that's how we got in this problem to begin with." [Politico, 3/7/15; Ted Cruz YouTube Channel, 3/8/15; Hawkeye State Happenings, 3/7/15]

NOTE: Any opinions in the following article are those of the respective representatives and authors, and in no way reflect those of Coal Energy or its staff. This article is provided for informational purposes only.

Sen. Cruz Voted Against Setting A National Goal Of 25% Electricity From Renewables By 2025. In January 2015, Sen. Cruz voted against legislation that would set a goal for the nation to get 25% of its electricity from renewable sources by 2025.

Sen. Cruz Voted Against Affirming That The Production Tax Credit Should Be Renewed; PTC Is Essential To Wind Energy Expansion. In January 2015, Sen. Cruz voted against legislation to express the sense of Congress that the Production Tax Credit should be renewed for five years. This tax incentive expired at the end of 2014 and is essential to the continued expansion of renewable energy sources like wind.

Sen. Cruz Voted Against Installing Solar Panels On Ten Million Roofs In Ten Years. In January 2015, Sen. Cruz voted against legislation which would provide support for the installation of solar panels on ten million roofs by 2025.

JOHN KASICH (R)

John Kasich: “Dig Coal, Clean It Before We Burn It.”

According to a statement from Kasich from a town hall in Youngstown, Ohio Kasich stated that Secretary Kerry “should have spent his time in Paris talking to our allies about fighting ISIS than about global warming; Bring jobs back to the valley by having the cheapest energy in the world; Alternative energies cost a lot more than our traditional energy sources; We need to be concerned about environment and climate and in our state we’re developing wind, solar; Under current requirement, manufacturing would have had to go out and buy energy at a higher price and in places that depend on energy, that means someone loses their job; We can have an improve the environment and still create jobs; Last debate was great because it wasn’t a demolition derby; Promote that, but also don’t give up on traditional energy sources; Dig coal, clean it before we burn it like we do in OH; Develop natural gas... That’s important; I believe in nuclear power; All of the above because we need to be energy independent; We don’t want to depend on another country’s energy and have to send our men and women into harm’s way; We’re starting to see jobs come back in this country and they’re starting to get it right; We can have a clean environment and a safe country at the same time.” [American Bridge, 160314_PH_831_A (36:20), (video available from American Bridge)]

Gov. Kasich Advocated A Fossil-Fuel Economy, Saying, “We Want To Dig Coal, But We Want To Clean It When We Burn It.” During a March 10, 2016 GOP debate in Miami, Florida, Gov. Kasich said, “We want all the sources of energy. We want to dig coal, but we want to clean it when we burn it. We believe in natural gas. We believe in nuclear power. And you know what else I believe in? I happen to believe in solar energy, wind energy, efficiency, renewables matter. Now, it doesn’t mean because you pursue a policy of being sensitive to the environment, because we don’t know how much humans actually contribute. But it is important we develop renewables. Battery technology can unleash an entirely different world. So the fact is that you can have a strong environmental policy at the same time

that you have strong economic growth and they are not inconsistent with one another.” [Washington Post, 3/10/16]

Gov. Kasich: Wind And Solar Subsidies Are “Okay.”

At a February 2015 town hall event in Nashville, Tennessee, Gov. Kasich was asked on new technology and science and he replied, “I actually think science matters. Of course we affect temp but we don’t know how much. No one wants a ruined atmosphere. We are here to manage the environment not worship it. I believe in wind and solar, there are big subsidies on it but that’s okay. Next advance in battery energy is gonna change the world. We need to be energy independent. We have fracking in Ohio.” [American Bridge, 160227_DHS_179 (33:06), 2/27/16 (video available from American Bridge)]

Gov. Kasich: “I Don’t Know That There’s Many Subsidies For The Oil Industry Right Now.”

During a December 16, 2015 campaign stop in Ankeny, Iowa, Gov. Kasich said, “I don’t know that there’s many subsidies for the oil industry right now. What would you say that they would be?” [American Bridge, 151216_MJL_487_A (20:00), 12/16/15 (video available from American Bridge)]

Gov. Kasich: “I’m All For Alternatives,” But “What Is The Energy Revolution In America? It’s Fracking, It’s Natural Gas, It’s Oil.” During a December 3, 2015 campaign stop in Manchester, New Hampshire, Gov. Kasich had the following exchange with an audience member:

AUDIENCE MEMBER: Are you aware of the fact that a report came out that showed solar energy was the largest job creator in the energy sector in 2014?

GOV. KASICH: Not in my state, it’s not.

AUDIENCE: It’s in a national...

GOV. KASICH: (shrugs) I don’t know, there’s all kinds of reports; but, we like alternatives ... I can mandate anything I want, but mandating isn’t real. It gives you a goal. Let’s take my state. The legislature put in, I don’t know what the mandate – 20, 25 percent of renewables by a certain date.

We can't achieve it. It's impossible. The only way that we can achieve it is by going outside the state and buying more expensive power. The businesses in my state, who are in manufacturing, say that all you're going to do is throw people out of work. So I've told the legislature, let's come up with a standard that is achievable with renewables, but let's figure out what that is. Now, some of the legislature says we should have none of it, freeze it, walk away from it, and I don't agree with that, because I'm for renewables. But, I also want to make sure that what we mandate can happen without causing disruption ... I feel good about all the different types of energy that we have. I know that low-price energy makes us less dependent on areas of the world that are turbulent ... We know that solar prices have come down, from what I understand. A lot of the solar businesses, by the way – you know where they are? They're in China. They're not here. They're there. What is the energy revolution in America? It's fracking, it's natural gas, it's oil. That's what it is ... So what I would say is, wind – it's subsidized, by the way. Taxpayers subsidize wind because it's not efficient. We have solar. But, I also think we have to look forward to battery technology. That could be the huge breakthrough for this country, and the reason is that it allows us to store power.

[American Bridge, 151204_EMZ_201A (28:00), 12/4/15 (video available from American Bridge)]

Gov. Kasich: I Believe In An All-Of-The-Above Energy Strategy. On November 12, 2015, NHPR interviewed Gov. Kasich about a variety of topics. During the interview, he said, "In the area of fracking – I believe in fracking, I believe in developing natural gas – we also have some of the toughest rules in the country. They're clear; they're not complicated, but they're tough. We want to make sure what the chemicals are [in ground water]. In terms of Ohio, we've had a 30 percent reduction in emissions over the last ten years. What do I think, ultimately, the answer is? I think it is all of the above. I think it's clean coal, it's natural gas, it's nuclear, but it's also renewables. I want to make sure we have a renewable standard in Ohio that fits Ohio. In other words, I don't want us to have to buy out-of-state power because we can't produce the sort of solar and wind that we need. But, I want to make sure that we are on the path to be part of the renewable development in this country." [NHPR (34:00), 11/12/15]

Gov. Kasich: All-of-The-Above Energy Strategy Includes "More Energy From Oil And Gas, Nuclear, Coal, Alternatives And Renewables." In October 2015, Gov. Kasich released a fact sheet detailing his energy plan. Under his plan, Gov. Kasich would "increase energy from all sources," meaning "more energy from oil and gas, nuclear, coal, alternatives

and renewables and emerging technologies will provide the affordable, reliable energy our economy needs." [Gov. Kasich Fact Sheet, 10/15/15]

Gov. Kasich's Energy Plan Included Approving The Keystone Pipeline, And Drilling For Oil On Federal Lands. In October 2015, Gov. Kasich released a fact sheet detailing his energy plan. Under his plan, Gov. Kasich would approve the Keystone XL pipeline ("Increasing access to the oil produced along this new pipeline's route only reduces our need for imported oil") and tap "more energy resources from federal land" (Increasing access to oil and gas production on our nation's vast system of non-sensitive public lands, when guided by responsible management plans, supports the goal of energy independence, and can be done safely with proper environmental protections"). [Gov. Kasich Fact Sheet, 10/15/15]

Gov. Kasich Would Get Rid Of All Federal Fracking Regulations. In October 2015, Gov. Kasich released a fact sheet detailing his energy plan. Under his plan, Gov. Kasich would "keep fracking regulations at the state level." He specified, "Most states have strong regulations for hydraulic fracturing, and efforts by Washington to heap extra regulations on the industry would be costly and counterproductive. States that meet quality benchmarks should be allowed to regulate hydraulic fracturing themselves without job-killing federal interference." [Gov. Kasich Fact Sheet, 10/15/15]

Gov. Kasich: We Should "Encourage Research In New Technologies." In October 2015, Gov. Kasich released a fact sheet detailing his energy plan. Under his plan, Gov. Kasich would "encourage research in new technologies." He specified, "Both the economy and environment benefit from technological breakthroughs. High-capacity, long-life batteries; fuel cells; the high-efficiency 'smart' electricity grid; clean coal and other technologies can help improve the environment, increase efficiency and conserve energy. Unreasonable barriers to their development should be identified and removed to help make them a reality." [Gov. Kasich Fact Sheet, 10/15/15]

Gov. Kasich: Becoming Energy Independent Includes More Fracking, More Drilling, And Expanded Coal Mining; "Dig Coal, Clean It, Burn it." On October 15, 2015, Gov. Kasich had the following exchange with Sean Hannity:

HANNITY: In how many years can you make us energy independent?

GOV. KASICH: We can do it. We can make ourselves energy independent forever as long as we do everything.

HANNITY: Can you give me years? Five years means fracking. That means drilling.

GOV. KASICH: Yes. It means everything.

HANNITY: Expand coal mining.

GOV. KASICH: It means everything. Dig coal, clean it, burn it. It also involves nuclear. So, look, it takes everything. It takes regulatory reform. It takes an energy policy. It takes a reasonable trade policy so workers are not run over. It takes being able to make the hard choices on the budget and also to cut taxes so that our children are not enslaved in debt and we can get this economy growing. I've done it twice. I'll do it thrice.

[FOX News, 10/15/15]

Gov. Kasich: Recommendation That Ohio Indefinitely Freeze Renewable Energy Standards Was "Unacceptable." In September 2015, the Ohio state legislature's Energy Mandates Study Committee recommended that a two-year freeze on Ohio's renewable energy standards should remain frozen indefinitely. A Gov. spokesman said, "A continued freeze of Ohio's energy standards is unacceptable and we stand willing to work with the Ohio General Assembly to craft a bill that supports a diverse mix of reliable, low-cost energy sources

while preserving the gains we have made in the state's economy." [Columbus Business First, 9/30/15]

Gov. Kasich: Renewables Should Be "A Very Large Part Of The Energy Picture Going Forward." During a July 2015 campaign stop in Barrington, NH, Gov. Kasich said, "We've also reduced emissions in Ohio by 30 percent over the last 10 years. I'm also a supporter not just of our traditional forms of energy, but also of the critical importance of renewables, because renewables should be a very large part of the energy picture of America as we go forward." [American Bridge, 7/12/15 (video available from American Bridge)]

Gov. Kasich Signed A Bill Making It Harder To Harness Wind Energy, Making It "Less Economically Viable." In June 2014, Gov. Kasich signed H.B.483 into law. The bill, which "contains a variety of spending and tax changes," includes "a section that will require wind turbines to be built farther away from property lines. Opponents say that will make the wind-harnessing energy source less economically viable." [Columbus Dispatch, 6/16/14; 6/16/14]

DONALD TRUMP (R)

Trump, On Wind Energy: "Windmills Look Nice, But They Kill A Lot Of Birds. Did You Know That?" During a November 2015 campaign stop in New Hampshire, Donald Trump took questions from the audience, including one from "twelve-year-old Annabelle Watson, a homeschooled student accompanied by her mother, who asked Trump about the benefits of fracking versus using wind energy. 'Well, the windmills look nice,' Trump told her. 'But they kill a lot of birds. Did you know that?'" [National Review, 11/4/15]

Trump Urged Scottish Parliament To Cancel Proposal For Offshore Wind Farm Because They The Turbines Would Spoil The View At His Golf Resort; "They Are Ugly, They Are Noisy ... If Scotland Does This, Scotland Will Be In Serious Trouble." In April 2012, Trump urged Scotland's parliament to "end plans for an offshore wind farm he fears will spoil the view at his exclusive new \$750-million-pound (\$1.2-billion) golf resort ... 'Scotland, if you pursue this policy of these monstrous turbines, Scotland will go broke,' he said. 'They are ugly, they are noisy and they are dangerous. If Scotland does this, Scotland will be in serious trouble and will lose tourism to places like Ireland, and they are laughing at us.' ... When challenged to produce hard evidence about his claims on the negative impact of turbines, Trump said: 'I am the evidence, I am a world class expert in tourism.'" In September 2012, Trump tweeted, "English taxpayers should stop subsidizing the destruction of Scotland by paying massive subsidies for ugly wind turbines." [Associated Press, 4/26/12; Donald Trump Twitter, 9/26/12]

DEMOCRATIC CANDIDATES

HILLARY CLINTON (D)

Sec. Clinton Applauded The Obama Administration For Reversing Its Decision To Permit Drilling Off The Southeastern Atlantic Coast, Adding, "Time To Do The Next Right Thing And Protect The Arctic, Too." On March 14, 2016, the New York Times reported that the Obama administration was "expected to withdraw its plan to permit oil and gas drilling off the southeast Atlantic coast ... In January 2015, Mr. Obama drew the wrath of environmentalists and high praise from the oil industry and Southeastern governors after the Interior Department put forth a proposal that would have opened much of the southeastern Atlantic coast to offshore drilling for the first time. The proposal came after governors, state legislators and senators from

Virginia, North Carolina, South Carolina and Georgia all expressed support for the drilling. Lawmakers in the state capitals saw new drilling as creating jobs and bolstering state revenue." Reacting to the news, Sec. Clinton tweeted, "Relieved Atlantic drilling is now off the table. Time to do the next right thing and protect the Arctic, too." [@HillaryClinton Twitter, 3/15/16; New York Times, 3/14/16]

Sec. Clinton: "We Are Going To Move From Fossil Fuels To Clean Energy ... In A Quick, But Thoughtful Way"; Banning Extraction On Public Lands Is A "Done Deal." On February 4, 2016, Sec. Clinton had the following exchange with an audience member at a campaign event:

AUDIENCE MEMBER: With so much of the environmental community opposing fracking, how do you expect to win over young people's vote if you still support fracking?

SEC. CLINTON: I have said repeatedly that we are going to move from fossil fuels to clean energy. We're going to have to do it in a quick, but thoughtful way ... What the government does have the authority to do is to impose very strict regulations on the chemicals being used; closing the Halliburton loophole; on the methane release. There's a lot we can do...

AUDIENCE MEMBER: But that doesn't stop the CO2 from going into the atmosphere when we burn it.

SEC. CLINTON: We will get there, but I don't want to mislead you and say I can ban it...

AUDIENCE MEMBER: Perhaps banning extraction on public lands?

SEC. CLINTON: Yeah, that's a done deal.
[350 Action YouTube Channel, 2/4/16]

Sec. Clinton: I Want 500 Million Solar Panels, As Well As Enough Clean Energy To Power Every Home, In The Next Four Years. During the February 4, 2016 Democratic primary debate, Sec. Clinton said, "I think we've talked a lot tonight about what we're against ... I'm for a lot of things. I don't want to just stop bad things from happening, I want to start good things happening. I believe if I'm so fortunate to get the nomination I will begin to work immediately on putting together an agenda and begin to talk with members of congress and others about how we can push forward. I want to have half a billion more solar panels deployed in the first four years. I want to have enough clean energy to power every home in the next four years." [Washington Post, 2/4/16]

Sec. Clinton, On Big Oil: "I Want To Take Away All Their Subsidies." On February 3, 2016, CNN reporter Dan Merica tweeted, "HRC asked about taking oil money: 'They must have put it in the wrong envelope. I want to take away all their subsidies.'" [@DanMericaCNN Twitter, 2/3/16]

Sec. Clinton: Repairing "Faulty Water Control Infrastructure" Can Help "Deliver Affordable Reliable Electricity While Reducing Carbon Pollution." On November 30, 2015, Sec. Clinton unveiled her infrastructure plan. The plan, in part, read, "Ten years ago, Hurricane Katrina demonstrated the stark dangers posed by faulty water control infrastructure.

And these public safety concerns are only intensified by the increasing threat of severe weather due to climate change. We need to substantially increase funding to inspect these structures, bring them into good repair, and remove them where appropriate. Our existing dams can also be a significant source of new clean energy generation, and Clinton will support efforts to increase dams' capacity to deliver affordable and reliable electricity while reducing carbon pollution." [Hillary Clinton Campaign Website, 11/30/15]

Sec. Clinton: A Clean Energy Future Means "Helping To Bring Solar And Energy Efficiency Technologies To More Low-Income Communities." On November 9, 2015, Sec. Clinton received an endorsement from the League of Conservation Voters. During her remarks, she said, "I want to make sure every American shares in the benefits of a clean energy future. That means helping to bring solar and energy efficiency technologies to more low-income communities. I think this is something we don't talk about enough ... An African-American child is still 500 percent more likely to die of asthma than a white child, because they often live near power plants and other polluters, and they, unfortunately, often bear the consequences." [PSB Satellite YouTube Channel, 11/9/15]

Sec. Clinton: Transitioning From Fossil Fuels To A Clean Energy Economy Can Create "Millions Of Good New Jobs And Businesses," And Help Curb The Effects Of Climate Change. On November 5, 2015, Sec. Clinton appeared on ABC's Jimmy Kimmel Live. During the interview, she had the following exchange with the show's host, Jimmy Kimmel:

KIMMEL: I find it interesting that the vast majority of the [Republican] candidates, and people who are Republicans, believe that man-made climate change is a myth, or some sort of conspiracy designed to hurt our economy. Do you think that most people genuinely believe that, or are they towing the party line?

SEC. CLINTON: "I think it's both, Jimmy. I think some people do believe it. When you hear them say, as they often do, "I'm not a scientist," my response that that is, "Go talk to one, and maybe you could get some information that would enlighten you or educate you about the problems that climate change is confronting us with," because it IS an existential crisis. I think some [candidates] are doing it because they have

strong supporters, people who are maybe from the fossil fuel industry, for example, and they don't want to cross them. So, they adopt that position, and whether they really believe it, or it's just political opportunism, I can't tell. But, the fact is, it's hurting our country, and what I don't understand is, there are huge economic opportunities here. If we were the clean energy superpower of the 21st century, we would create millions of new good jobs and businesses, and we would transition away from fossil fuels, and help the climate at the same time.

[ABC, 11/5/15]

Sec. Clinton: My Energy Plan Invests In Clean Energy, R&D, And Will Create Jobs And Grow The Economy. During the October 13, 2015 Democratic primary debate, Sec. Clinton said, "I traveled across our country over the last months listening and learning, and I've put forward specific plans about how we're going to create more good paying jobs by investing in infrastructure and clean energy, by making it possible once again to invest in science and research and taking the opportunity posed by climate change to grow our economy." [CNN Debate, 10/13/15]

Sec. Clinton: "Modernizing North American Energy Infrastructure" Meant Ensuring That The Federal Government Did Its Part To Make Clean And Affordable Energy "More Efficient And Effective." In September 2015, Sec. Clinton released an energy plan for "modernizing North American energy infrastructure." One of the plan's pillars aimed to "unlock new investment sources." Specifically, Sec. Clinton would "ensure the federal government is a partner in getting clean and affordable energy to market by making the infrastructure review and permitting process more efficient and effective." [Hillary Clinton, 9/23/15]

Sec. Clinton: "Modernizing North American Energy Infrastructure" Meant Focusing On "Coordinated Targets For Clean Energy And Cutting Carbon Pollution." In September 2015, Sec. Clinton released an energy plan for "modernizing North American energy infrastructure." One of the plan's pillars aimed to "forge a North American climate compact." Specifically, Sec. Clinton would "drive greater ambition in the global fight against climate change through coordinated targets for clean energy and cutting carbon

pollution, internationally recognized reporting mechanisms, and a binding review process." [Hillary Clinton, 9/23/15]

Sec. Clinton In 2015: "We Need To Continue The Production Tax Credits, We Need To Be Investing In ... Wind." During a July 2015 campaign stop in Iowa, Sec. Clinton said, "Iowa is making a transition but the rest of the country is not. And we need to change the tax incentives, we need to continue the production tax credits, we need to be investing in solar and wind and advanced biofuels, and yes, energy efficiency and there are millions of jobs if we do that right." [KTVO, 7/7/15]

Sec. Clinton In 2007: "I Will Make The Production Tax Credit For Wind ... Permanent." In a November 2007 speech on energy and climate change in Iowa, Sec. Clinton said, "I will strongly support a renewable portfolio standard, with 25% of electricity coming from wind, solar, and other renewable sources by 2025. ... As President, to help us reach 25% by 2025, I will make the production tax credit for wind and solar permanent. No more guessing what you're going to get as you move forward with your production." [Council on Foreign Relations, 11/5/07]

BERNIE SANDERS (D)

Sen. Sanders: "We Need To Act Immediately" To Move To "100 Percent Renewable Energy." In January 2016, Sen. Sanders tweeted, "We need to keep fossil fuels in the ground, and move to 100 percent renewable energy - and we need to act immediately." [@BernieSanders Twitter, 1/6/16]

Sen. Sanders Introduced Legislation To Ban All New Leases For Drilling Or Extracting Fossil Fuels From Public Lands And Waters. On November 4, 2015, Sen. Sanders, along with Sens. Merkley and Leahy, introduced legislation to ban "all new federal leases for oil, gas or coal extraction on public lands and waters." In a statement, Sen. Sanders said, "We are taking on the Koch brothers and some of the most powerful political forces in the world who are more concerned with short-term profits than the future of the planet. I've got four kids, and I've got seven beautiful grandchildren. We have a moral responsibility to leave our kids a planet that is healthy and inhabitable." According to a fact sheet released by Sen. Sanders'

office, “the bill would: prohibit offshore drilling in the Arctic and the Atlantic; stop new leases and end nonproducing leases for offshore drilling in the Pacific and Gulf of Mexico; [and] stop new leases and end nonproducing leases for coal, oil, gas, oil shale and tar sands on all Federal lands.” [Sen. Sanders Press Release, 11/4/15; Fact Sheet]

Sen. Sanders: “I Am Proud” To Have Introduced The First Legislation Addressing Climate Change, “Which Called For A Tax On Carbon.” During the October 13, 2015 Democratic primary debate, Sen. Sanders said, “I believe, and Pope Francis made this point – this is a moral issue. The scientists are telling us that we need to move extremely boldly. I am proud – along with Senator Barbara Boxer, a few years ago – we introduced the first piece of climate change legislation which called for a tax on carbon. Let me also tell you that nothing is going to happen unless we are prepared to deal with campaign finance reform because the fossil fuel industry is funding the Republican Party, which denies the reality of climate change and certainly is not prepared to go forward aggressively. This is a moral issue. We have got to be extremely aggressive in working with China, India, Russia. The future of the planet is at stake.” [CNN Debate, 10/13/15]

Sen. Sanders Voted To Set A National Goal Of 25% Electricity From Renewables By 2025, Creating Jobs And Reducing Carbon Pollution In The Process. In January 2015, Sen. Sanders voted for legislation that would set a goal for the nation to get 25% of its electricity from renewable sources by 2025. This policy builds on the proven

success states have seen in setting similar policies and would help the U.S. lead in the global clean energy economy. A strong national renewable electricity standard would create jobs, protect consumers, and reduce pollution. Sen. Udall’s (D-NM) amendment to the Keystone XL Pipeline Act was rejected 45-53. [S.Amdt.77 to S.Amdt.2 to S.1, Vote 44, 1/29/15; LCV, Vote 44]

Sen. Sanders Voted To Affirm That The Production Tax Credit Should Be Renewed; PTC Is Essential To Wind Energy Expansion. In January 2015, Sen. Sanders voted for legislation to express the sense of Congress that the Production Tax Credit should be renewed for five years. This tax incentive expired at the end of 2014 and is essential to the continued expansion of renewable energy sources like wind, and would create jobs, reduce pollution, and increase our energy independence. The amendment failed 47-51. [S.Amdt.133 to S.Amdt.2 to S.1, Vote 40, 1/28/15; LCV, 1/28/15]

Sen. Sanders Voted To Support Solar Panels On Ten Million Roofs In Ten Years, Creating Jobs And Reducing Carbon Pollution In The Process. In January 2015, Sen. Sanders voted for legislation – that he sponsored – which would provide support for the installation of solar panels on ten million roofs by 2025. The amendment to the Keystone XL Pipeline Act would create jobs, reduce carbon pollution, and significantly expand the U.S.’s capacity to generate solar power. It was rejected 40-58. [S.Amdt.23 to S.2 to S.1, Vote 33, 1/28/15; LCV Scorecard, Vote 10]

Sen. Sanders: Wind Tax Credit Has Led To Jobs. During a Senate floor speech, Sen. Sanders stated, “If my Republican friends are so concerned about jobs, please tell me where we are going with the wind tax credit and the solar tax credit, which have been so very important to creating jobs in the wind and solar industry.” [Burlington Free Press, 11/18/14]

Sen. Sanders Voted To Advance To Legislation Extending Production Tax Credit For Wind Energy. In June 2008, Sen. Sanders voted for a motion to invoke cloture on the motion to proceed to H.R.6049, a bill that “would have extended dozens of expired or soon-to-expire tax provisions for one year, including tax credits for research, investment in solar and fuel cells, and the production tax credit for wind and other renewable energy sources. The tax credits would be offset by closing various corporate loopholes.” According to LCV’s 2008 legislative scorecard, “a broad coalition of businesses, construction companies, environmental organizations, investors, labor groups, trade associations and utilities agree that the single most effective measure to increase the use of clean renewable energy and energy efficiency is to extend and expand the present set of clean energy tax credits that are due to expire at the end of 2008. Energy experts maintain that extending the credits could save as many as 117,000 existing jobs and generate an additional \$19 billion in domestic clean energy investment.” Needing a three-fifths vote, the cloture motion was rejected 52-44. [H.R.6049, Vote 150, 6/17/08]

NOTE: Any opinions in the following article are those of the respective representatives and authors, and in no way reflect those of Coal Energy or its staff. This article is provided for informational purposes only.

PRESS RELEASES

Arch Coal Honors 10 West Virginia Classroom Teachers / ST. LOUIS, March 28, 2016



The Arch Coal Foundation recently named 10 exceptional West Virginia classroom teachers as recipients of the prestigious Arch Coal Teacher Achievement Award. It is West Virginia's longest-running, privately sponsored teacher recognition program, now in its 28th year.

The announcement was made by John W. Eaves,

Erica L. Alexander
Irma R. Barazzone
Carl Brainard
Deidra A. Casto
Aleta Jo Crotty
Melissa Elliott
Ron Hudson
Joy Marie Hunt
Jeremy Anne Knight
Samantha Slone

Triadelphia Middle School
University High School
Parkersburg South High School
Union Elementary School
Mercer Elementary School
Martinsburg High School
Pendleton County High School
Burch Elementary School
Spring Mills Middle School
Spring Mills Middle School

Wheeling
Morgantown
Parkersburg
Buckhannon
Princeton
Martinsburg
Franklin
Delbarton
Martinsburg
Martinsburg

Arch Coal's chairman and chief executive officer. Each award recipient was honored at a special assembly held in front of students and faculty at his or her individual school.

The 2016 Arch Coal Teacher Achievement Award recipients are:

"We are honored to recognize these outstanding West Virginia teachers with an Arch Coal Teacher Achievement Award," Eaves said. "Their dedication to the teaching profession and to ensuring the success of their students will serve the citizens of the state well, both now and in the future. These 10 individuals are representative of the many West Virginia classroom educators who are constantly striving to employ new teaching methods, technologies and curriculum. We congratulate them all on their commitment to improving the lives of those in the state."

The public nominates teachers for the annual award, and a blue-ribbon panel of past award recipients selects the top 10. In addition to recognition, each teacher is presented with a cash award, a distinctive trophy and a classroom plaque.

The West Virginia Foundation for

the Improvement of Education, a foundation of the West Virginia Education Association (WVEA), also makes a \$1,000 cash award to each teacher's school for use with at-risk students.

"The West Virginia Education Association and the West Virginia Foundation for the Improvement of Education are pleased to partner with Arch Coal as it recognizes some of the great teachers that work throughout our state," said WVEA President Dale Lee. "Teachers are rarely honored for the hard work and long hours they put into providing a high-quality education for the students of our state, and I want to thank Arch Coal for recognizing our teachers. These teachers exemplify the spirit and dedication of their peers throughout the state."

The Teacher Achievement Awards are underwritten by the Arch Coal Foundation and are supported in program promotion by the West

Virginia Department of Education, the WVEA and the West Virginia Library Commission. Arch Coal and the Arch Coal Foundation have a long history of supporting educational and community causes in West Virginia. The Arch Coal Foundation also supports teacher recognition or grants programs in Wyoming and Colorado.

Information about each of this year's 10 recipients, as well as past recipients, is posted at archteacherawards.com.

U.S.-based Arch Coal, Inc. is one of the world's top coal producers for the global steel and power generation industries. Its network of large-scale, low-cost mining complexes is the most diversified in the United States, spanning every major coal basin in the nation. In West Virginia, Arch Coal and its subsidiaries employ more than 1,450 people. For more information, visit archcoal.com.

Westmoreland Announces Agreement with Shareholder Regarding Board Expansion / Englewood, CO — March 24, 2016

Westmoreland Coal Company (Nasdaq GM:WLB) (“Westmoreland”) today announced that it has reached an agreement with Venor Capital Management LP (“Venor”) to interview additional director candidates after Westmoreland’s 2016 Annual Meeting. The agreement is in response to Venor’s communication indicating the intent to nominate two individuals as directors to Westmoreland’s Board (the “Nomination Notice”). The agreement provides that Venor will immediately withdraw the Nomination Notice and identify additional director candidates who will be subject to Westmoreland’s normal director nomination process. Westmoreland has agreed to add one of these candidates to its Board on or before August 15, 2016.

“We value the input from our investors as we seek to further

strengthen our Board’s capital markets expertise,” said Mr. Kevin Paprzycki, Westmoreland’s Chief Executive Officer. “This agreement also demonstrates our Board’s commitment to corporate governance and transparent communication with our shareholders.”

On February 29, 2016 and upon completion of the nomination process, Westmoreland nominated Messrs. Robert Flexon and Robert Tinstman as director nominees to stand for election at Westmoreland’s 2016 Annual Meeting. Mr. Flexon had previously been recommended to the Board by Venor.

About Westmoreland Coal Company

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

include sub-bituminous and lignite surface coal mining in the Western United States and Canada, an underground bituminous coal mine in Ohio, 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, formerly Oxford Resource Partners, LP, a publicly-traded coal master limited partnership. Its power operations include ownership of the two-unit ROVA coal-fired power plant in North Carolina. For more information, visit www.westmoreland.com; provided that no information contained at such website is incorporated by reference here.

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Protecting coal refuse-to-energy facilities in the US / Published on

22/03/2016

The House recently advanced the Satisfying Energy Needs and Saving the Environment (SENSE) Act, H.R. 3797, which would prevent the Environmental Protection Agency (EPA) regulations from blocking operations at the 19 coal refuse-to-energy facilities in the US.

The Act advanced with a vote of 231 to 183.

Coal refuse-to-energy facilities recycle coal refuse to create affordable and reliable electricity,

and in this process help clean up the communities in which they are located. Two EPA regulations that denote emissions limits currently apply to these facilities and therefore could threaten their operations. The SENSE Act is thus seeking to protect these facilities.

“Through American ingenuity, coal refuse-to-energy plants have been developed that actually use this harmful waste product to generate electricity,” US Rep. Fred Upton (R-MI), who chairs

the Energy and Commerce Committee, said. “Unfortunately, there are two EPA rules targeting all coal-fired power plants that are causing some problems. The SENSE Act would allow these coal refuse-to-energy plants to continue operating, to the great benefit to the communities where these facilities are located.”

The Sense Act is sponsored by US Rep. Keith Rothfus (R-PA).

Edited from press release by Harleigh Hobbs

Murray Energy Corporation Responds to the Supreme Court Issuing An Immediate, Nationwide Stay of the So-Called Clean Power Plan / February 9, 2016

Murray Energy Corporation (“Murray Energy”) is extremely pleased that the Supreme Court of the United States (“Supreme Court”) granted our request for an immediate, nationwide stay of the Obama Administration’s so-called Clean Power Plan. This stay prevents this illegal rule from destroying the lives and livelihoods of thousands of coal miners, and will ensure that affordable, reliable electricity is available for all Americans, including those who are poor or on fixed incomes.

Indeed, this important ruling prevents the same horrific scenario we saw in our Utility MACT lawsuit, whereby we won in the Supreme Court on June 29, 2015, but our victory was moot because Mr. Obama’s Utility MACT rule had already forced the closure of 411 coal-fired power plant units in America. We are tremendously grateful to see that this scenario will not happen here.

“The Obama Administration’s climate change agenda is a fraud and the Clean Power Plan will be overturned, as the Supreme Court has indicated will occur,” said Mr. Robert E. Murray, Founder, Chairman, President, and Chief Executive Officer of Murray Energy. “We are pleased to lead the way, joined by twenty-nine (29) states, against this destructive government overreach,” Mr. Murray continued.



Murray Energy has filed six (6) lawsuits against the Obama EPA, and their so-called Clean Power Plan, and they are now recognized as the leading cases against the EPA’s regulatory assault on reliable, low cost electricity and coal usage in America.

Murray Energy is the largest underground coal mining company in the United States, employing nearly 7,000 persons.

For further information contact:

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media@coalsource.com
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Assistant General Counsel and Media Director
PHONE: (740) 338-3100
FAX: (740) 338-3405

www.murrayenergycorp.com

Walter Energy Announces Closing of Sale of Alabama Assets to Warrior Met Coal /

BIRMINGHAM, Ala., April 1, 2016 /PRNewswire/

Walter Energy, Inc. (OTC Pink:WLTG) ("Walter Energy" or the "Company") today announced the close of the previously-announced sale of substantially all of its core assets, comprising its Alabama coal assets, to Warrior Met Coal, LLC (formerly known as Coal Acquisition LLC), an entity owned by the Company's first lien creditors.

On January 8, 2016, the Bankruptcy Court for the Northern District of Alabama entered an order approving the sale pursuant to section 363 of the Bankruptcy Code and entry into an asset purchase agreement setting forth the terms of the sale transaction, after a court-supervised auction process.

With the close of this transaction, Walter Energy has transferred ownership of virtually all of its U.S. operating assets to third parties under the court-supervised sale process. Earlier this year it completed the sale of its non-core U.S. assets to Seminole Coal Resources, LLC, ERP Compliant Coke, LLC and ERP Environmental Fund, Inc., all affiliates of ERP Compliant Fuels, LLC and Virginia Conservation Legacy Fund, Inc.

Walter Energy's remaining assets include Walter Energy Canada Holdings, Inc. ("Walter Canada"), a wholly-owned subsidiary with assets in both Canada and the UK. On December 7, 2015, Walter Canada obtained creditor protection under the Companies' Creditors Arrangement Act pursuant to an Initial Order granted by the Supreme Court of British Columbia located in Vancouver, B.C.

ABOUT WALTER ENERGY

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WANT TO BURN COAL AND SAVE THE PLANET? JAPAN TOUTS A SOLUTION

By: Chisaki Watanabe

World News: JAPAN



For all the talk of a solar boom in Japan, coal still has a future there, and potentially a big one at that.

Japan's government and industry are backing emerging coal technologies they say are less damaging to the environment. While they're pushing the most polluting fossil fuel at home and abroad, Japan's government will be trying to burnish its environmental credentials at climate talks that begin at the end of the month in Paris.

Japan is the biggest backer of public coal financing globally, according to a June report co-authored by the

High-efficiency coal technologies are under development Japan last among G7 nations in moving away from coal, E3G says

Natural Resources Defense Council, a U.S. environmental group, and partners. The country also ranks last among Group of Seven nations in efforts to move away from coal, according to E3G, a non-profit group promoting a low-carbon economy, in a statement last month.

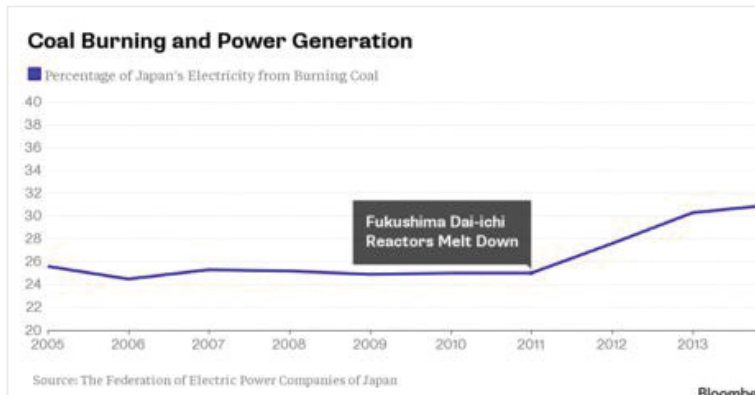
By promoting new and advanced coal technologies as cleaner burning and more efficient, Japan is contradicting environmentalists such as NRDC and WWF seeking to discourage investors from backing fossil-fuel. For major Japanese suppliers of power generation systems such as Mitsubishi Hitachi Power

Systems Ltd., the national push also offers the opportunity to market their products in countries where coal is still widely used.

countries in our central scenario," according to the outlook.

At the forefront of Japan's push

full cost has yet to be made public, according to Electric Power Development, known as J-Power.



"Support from developed countries for high efficiency coal-fired generation is needed" to keep plants with low efficiency from expanding in countries where the fuel is readily available, said Nobuyuki Zaima, a project manager in charge of clean coal at Japan's trade ministry-affiliated New Energy and Industrial Technology Development Organization.

COAL TECHNOLOGY

"We can certainly contribute to the reduction of CO2 through applying Japan's superior coal technology," he said.

Japan has about 23 gigawatts of coal capacity in various stages of planning or development at home, according to Kiko Network, a Kyoto-based environmental group. That compares with Japan's coal capacity of 41 gigawatts in 2014, according to Bloomberg New Energy Finance.

"Consumption in the OECD, where coal use faces strong policy headwinds, is projected to drop by 40%" through 2040, according to the International Energy Agency's World Energy Outlook. "By 2040, Asia is projected to account for four out of every five tons of coal consumed globally, and coal remains the backbone of the power system in many

to show that coal can be burned more efficiently and with less pollution is the Osaki CoolGen project in Hiroshima by a venture between Chugoku Electric Power Co. and Electric Power Development Co. Osaki is a government-backed demonstration project that will use a technology called integrated gasification fuel cell combined cycle, or IGFC. That means it will use some of the captured emissions to power a fuel cell, generating additional electricity.

The approach builds on another advanced technique known as IGCC, which heats or cooks coal to produce a gas that's burned in a turbine. Waste heat is used to drive a steam turbine to produce more electricity.

Compared with the most widely-used coal plants in Japan, IGFC is expected to increase efficiency by 15 percentage points and cut carbon dioxide emissions by 30 percent, according to government estimates.

Project Cost

The advanced coal technology has drawbacks that go beyond emissions, notably price. The cost for the first stage of the Hiroshima project is estimated at 89.5 billion yen (\$736 million), with the government paying one-third, according to a trade ministry document. The project's

"IGCC and IGFC don't change the picture," said Sebastien Godinot, an economist for the WWF's European policy office. "They are not ready commercially. It is now that an urgent shift to low-carbon power is required."

In July, Japan's trade and industry ministry released a roadmap outlining the next-generation thermal power technologies that nation expects to adopt. The plan projects that IGFC technology could be ready for broad use around 2025 -- making the nation one of the biggest backers of the technology.

"This is a colossal program to make IGFC possible," said Hiroshi Sasatsu, director of J-Power's research and development department.

Not everyone supports the idea of promoting more efficient coal power.

An employee stands in front of stockpiles of coal inside a storage yard in Fukushima. Japan is the biggest backer of public coal financing globally, according to a June report co-authored by the Natural Resources Defense Council, a U.S. environmental group, and partners.

Photographer: Tomohiro Ohsumi/ Bloomberg

FINANCING PRESSURE

"Even though the efficiency of coal-power generation is improved, coal plants emit about twice as much carbon dioxide as plants powered by natural gas,"

said Yuki Tanabe, a program coordinator at the Japan Center for a Sustainable Environment and Society.

Proponents must convince investors and environmentalists that the technologies make sense at a time when pressure is mounting on lenders to shy away from fossil fuels. Citigroup Inc., the third-biggest U.S. bank, said in October it will cut back on financing for coal-mining projects. In September, Norway's \$830 billion wealth fund estimated a proposed ban on coal investments would prompt it to sell holdings in 120 companies valued at about 55 billion kroner (\$6.4 billion).

Nonetheless, coal is cheap and attractive to some developing countries with ample reserves, said Toshi Arimura, professor of environmental economics at Waseda University in Tokyo. That makes clean coal technology the second-best choice, he said.

"It will be great if wind and solar power can work as substitutes, but they can't immediately serve as baseload power sources like coal does," he said.

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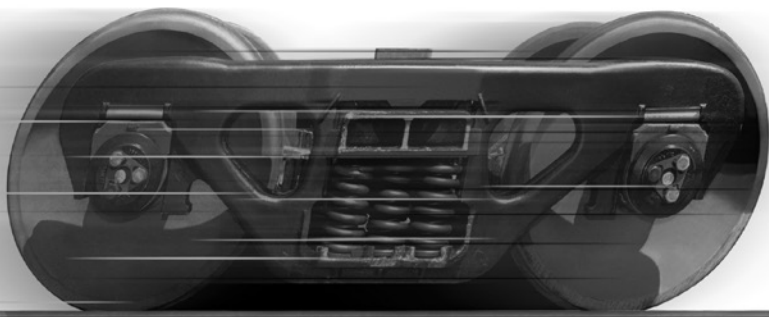
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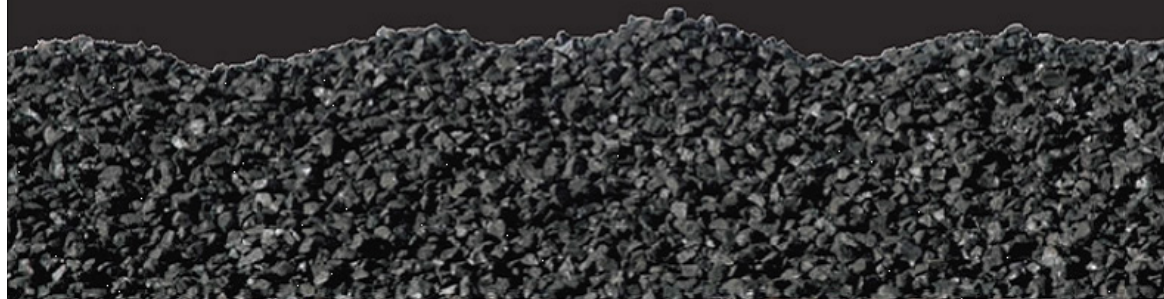


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