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From: Maisano, Frank
Sent: Mon 10/9/2017 5:33:46 PM
Subject: Oct 9 PRG Energy Update: CPP Repeal, Perry Hits Hill

Friends,

Happy Columbus Day from Washington. No traffic during a rain storm and free parking on the streets makes me wish every day was a Federal holiday... While I understand that there is some controversy regarding honoring Columbus, this is the special day for Italian-Americans like yours truly. To appreciate, I spent the weekend in the North End of Boston for a great meal at Giacomo's and some cannolis from Modern Pastry.

Wow... Was that a week or what? And no slow down on Friday as it seemed even busier with the CPP documents making their way out into the public. Then, *Hurricane Nate* roared ashore over the weekend with Mississippi Power and Alabama Power working hard to restore power, which as of Sunday seemed to be all back on other than a small area around hardest-hit Mobile which is supposed to be back on by noon today. *Nate* also forced offshore oil companies to curtail 92.61%, or 1.62 million barrels per day, of Gulf of Mexico oil production as of Sunday.

Back to CPP, we expect to have an announcement tomorrow after this morning's event in Kentucky. Administrator Pruitt said in a speech in Hazard, KY (by the way, yours truly is a Duke of Hazard thanks to former Mayor Bill Gorman) with Majority Leader Mitch McConnell that he will formally sign the proposal to withdraw the CPP tomorrow in Washington. My Colleague Jeff Holmstead can answer your questions. Email us at here or jeff.holmstead@bracewell.com.

SEJ in Pittsburgh was a great event, especially with all this important environmental activity making news... and Jeff just happened to be on a CPP/climate legal panel as the documents were coming out. Way to go Carolyn Whetzel. I knew that was your plan all along. And our reception was awesome...including the great, fun band that we hosted. Looking forward to Flint, but it seems like there will so many things between now and then.

In addition to the CPP activity this week, the big event on Capitol Hill will be Energy Secretary Rick Perry's visit to the House Energy Committee when he will get intense questions about his recent grid proposal to FERC. That's Thursday at 10:00 a.m. Other events include a

cybersecurity event tomorrow with rural Co-ops (featuring Arkansas Co-op leader, our friend and expert Duane Highley); a House Resources panel hearing on Wednesday to look at legislation to amend the OCS Lands Act featuring Mary Landrieu, Michael Bromwich and API's Erik Milito; Thursday CSIS hosts IEA's Renewable Energy Division head Heymi Bahar for a presentation of the IEA's Renewable Energy Market Report 2017; and Friday, House Resources returns to legislation focused on onshore energy.

Finally, stay tuned tomorrow for some more great hiring news at Bracewell's PRG. We are excited to make a big announcement on a new tax expert who is super smart on policy, very media savvy and well-connected in the nerdy tax world. He will be a huge help to those of you covering tax policy

Call with questions. Best,

Frank Maisano

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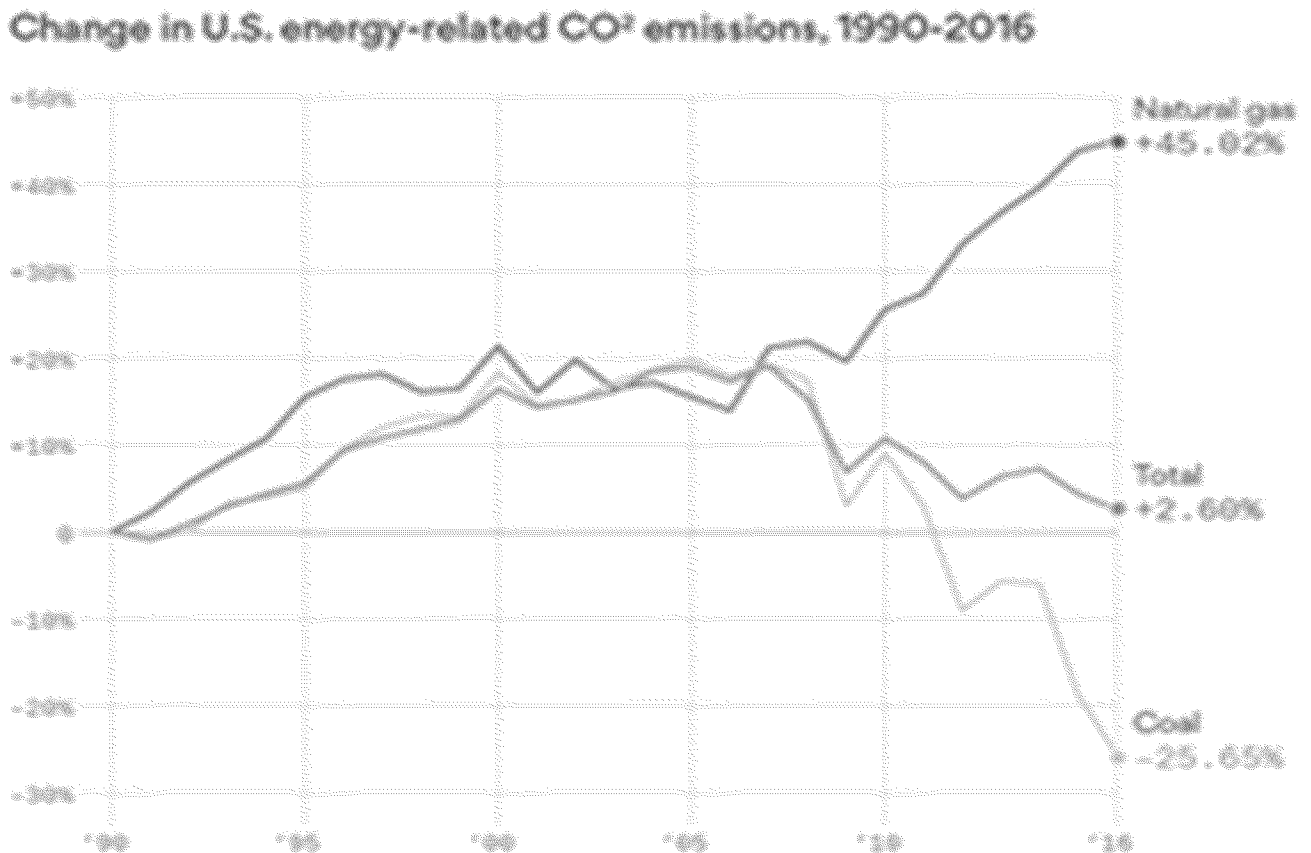
"I'm sympathetic with the 'hurry up and fix something'" attitude, said "But this is such a draconian way of fixing it that I'm assuming it's put out there to be a lightning rod to get people off their ass and get to focusing on proper solutions to this." He added: "Everything in our society has a shelf-life and then it goes into retirement."

Former FERC Chairman Pat Wood, a Republican who is a strong advocate for markets in Darius Dixon's POLITICO.

IN THE NEWS

PA Delegation Urges Trump to Protect Refinery Jobs – Following an event at a refinery in Philadelphia this morning, members of Congress and union officials released a letter from Pennsylvania’s Congressional delegation urging President Trump support refining jobs in the Northeast. Signers including Sens. Casey and Toomey, as well as Reps. Doyle, Barletta, Evans, Kelly, Brady, Meehan, Boyle, Thompson, Perry, Shuster, Rothfus and Costello.

EIA: CO2 Emissions Headed Down – The Energy Information Administration has new data on energy-related CO2 emissions and they show a 1.7% decline in 2016. The data lowers energy-related emissions to 14% below 2005 levels and just 2.6% above 1990 levels, even though the economy is much larger than it was a quarter century ago. The trend of declining coal - fired electricity generation and increasing non - fossil fuel and natural gas - fired generation continued in 2016. Coal's share of total electricity generation fell from 53% in 1990 to 30% in 2016. The natural gas share of electricity generation grew from approximately 12% in 1990 to 30% in 2012 and to 34% in 2016. The non-fossil fuel electricity generation share (35%), including both nuclear and renewables, exceeded that of both coal and natural gas in 2016. See a bunch a great charts here.



EPA GHG Report Also Shows Decrease – Another [new annual report](#) from EPA says greenhouse gas emissions from America's largest industrial facilities fell 2% in 2016 to 2.99 billion tons, led by a large cut from the power sector. The decline in emissions in 2016 was led by a 4.6% reduction from U.S. power plants, an 18% decline from five years ago.

TX Utility to Retire Coal Plant – Speaking of emissions heading down, Texas utility [Vistra announced](#) on Friday plans to retire its Monticello Power Plant in Titus County, Texas. In total, approximately 1,800 MW of power will be taken offline in January of 2018. Vistra said the market's unprecedented low power price environment has profoundly impacted the plant's operating revenues and no longer supports continued investment. Vistra estimates that approximately 200 employees will be impacted by Monticello's retirement. [More here.](#)

Wheeler EPA Nom Finally in Motion – After months of expectation and speculation, President Trump late last Thursday appointed Faegre Baker Daniels Consulting energy and natural resources expert Andrew Wheeler to the #2 position at EPA. Wheeler previously worked for Sen. Jim Inhofe and the Senate Environment and Public Works Committee.

ON THE SCHEDULE THIS WEEK

Forum to Look at Clean Energy – Today at 3:15 p.m., as part of the State Innovation Exchange's annual [SiX Legislator Conference](#), local and state leaders will gather in Washington, D.C., for a panel discussion on clean energy efforts in the States. More than 500 progressive state legislators and legislative staff from across the nation will gather for the 4th annual legislator conference. These state lawmakers, who are on the front lines of the resistance and policy making efforts across the country will gather to discuss and find solutions to some of the most pressing issues impacting the country as well as plan new strategies to further resist the efforts of the Trump administration. The conference goes through tomorrow.

Rural Co-Ops to Discuss CyberSecurity – The National Rural Electric Cooperative Association hosts a cybersecurity forum, "Insights on Cybersecurity for Electric Utilities," tomorrow at 10:00 a.m. The event will be in collaboration with the National Cyber Security Alliance and the Department of Homeland Security.

WRI to Host Forum – Experts from the Open Government Partnership and World Resources Institute will hold a forum tomorrow at 12:30 p.m. on climate action. The forum will profile a range of innovative approaches that open government advocates have taken to strengthen countries' climate commitments under the Paris Agreement. Together, they will unpack how improving transparency, accountability and public participation in climate decision-making processes can help governments and civil society leaders around the world achieve ambitious climate targets.

Forum to Look at US-China Relations – The Atlantic Council's Global Energy Center and the Brent Scowcroft Center's Asia Security Initiative will hold a timely conversation tomorrow on the role energy plays in the US-China relationship. The US administration's emerging diplomatic strategy and the upcoming nineteenth national congress of the Communist Party of China provide an opportunity to take stock of the role energy plays in the US-China relationship, as well as in how China views its future. Key issues in the US-China relationship include the role of liquefied natural gas (LNG) in the US-China Comprehensive Economic Dialogue, China's view of US energy exports, and how energy fits into the administration's trade agenda. Speakers include our friend Robert Fee of Cheniere Energy, ITC Assistant Secretary Alan Turley and DOE China advisor Maria DiGuilian with our friend Keith Johnson of *FP* moderating.

Report top Look at Highly-Enriched Uranium Facilities – On Wednesday at 10:00 a.m., the Fissile Materials Working Group and International Panel on Fissile Materials will launch of a major new IPFM research report, edited by Pavel Podvig, with contributions by six leading Russian experts on highly enriched uranium (HEU) facilities. The report describes in unprecedented detail Russian programs that use HEU as fuel in military and civilian applications. Further, it assesses Russia's contribution to the effort to convert research reactors from HEU to non-weapon-usable low-enriched uranium fuel, and Russia's efforts to repatriate HEU fuel it had supplied to facilities abroad. Finally, it evaluates the organizational structure and regulations governing the security of HEU in civilian facilities in Russia. It makes recommendations for securing Russia's commitment to the goal of a comprehensive global HEU minimization strategy.

House Resources Look at Revenue Legislation – The House Natural Resources Committee's Subcommittee on Energy and Mineral Resources will hold a legislative hearing on Wednesday at 2:00 p.m. to look at a discussion draft of legislation to amend the Outer Continental Shelf Lands Act to distribute revenues from oil and gas leasing on the outer Continental Shelf to certain coastal States, and for other purposes. Witnesses will include former Louisiana Sen. Mary Landrieu, South Carolina State Senator Stephen Goldfinch, API's Erik Milito and former BOEM director Michael Bromwich.

Walden, DOE Official Headline Canadian Energy Efficiency Forum – On Thursday, the Canadian Embassy hosts the 28th annual [Energy Efficiency Forum](#), featuring Dan Brouillette, deputy secretary at the Department of Energy, and Rep. Greg Walden (R-Ore.), chairman of the House Energy & Commerce Committee.

House Energy to Discuss Grid Proposal – Energy Secretary Rick Perry testifies before the House Energy Subcommittee on Thursday at 10:00 a.m. to offer his [vision](#) for managing and executing the department's missions and opportunities to update and align DOE's missions and operations with the emerging energy, national security, environmental, and technological challenges confronting the nation. Expect some interesting questions as a many energy industries have [raised concerns](#) about the DOE approach

ACORE Finance Forum Set – The American Council on Renewable Energy will hold forum on the state of the renewable energy public policy, financial markets and corporate renewables strategy when they hold [ACORE Finance West](#) on Thursday at the Bently Reserve in San Francisco. This annual conference convenes senior investors, industry executives, and other top transactional professionals to address market trends in the context of renewable investment opportunities in the Western U.S.

Bloomberg Hosts Sustainability Forum – Bloomberg holds its 3rd annual [Sustainable Business Summit](#) on Thursday and Friday in its New York offices to discuss how companies are yielding positive returns for investors, creating sustainably valuable products and processes, and developing innovative sustainable business models. Uniquely positioned at the intersection of sustainable business and sustainable investing, the summit will explore the challenges and even greater opportunities emerging across industries.

WAPA to Host Road Rally – The [Washington Automotive Press Association](#) holds its [2017 WAPA Rally](#) on Thursday. This year's event will be a drive event on the roads just beyond the Chesapeake Bay Bridge on the scenic Eastern Shore of Maryland. The event provides the opportunity to drive or ride in the latest and greatest cars, trucks and SUVs provided by WAPA's automotive partners.

CSIS to Host IEA Renewable Energy Report Launch – The CSIS Energy and National Security Program is hosting Heymi Bahar, Project Manager of the Renewable Energy Division at the International Energy Agency (IEA), on Thursday at 9:30 a.m. [for a presentation of the IEA's Renewable Energy Market Report 2017](#) (formerly titled Medium-Term Renewables Market Report). The report provides a detailed market analysis and overview of renewable electricity

capacity and generation, biofuels production, and heat consumption, as well as a forecast for the period between 2017 and 2022. This year's report also assesses the off-grid solar market in Africa and developing Asia and the contribution of electric vehicles to renewable road transport. Our friend Kevin Book will moderate.

Groups to Look at Nuclear Report – The Natural Resources Defense Council, the Union of Concerned Scientists, and the Heinrich-Böll-Stiftung will host a forum on Thursday at noon for the U.S. launch of the *World Nuclear Industry Status Report 2017*.

Women's Energy Groups Hold Reception – The Women's Energy Network hosts its October Happy Hour reception at Asia Nine on Thursday evening starting at 5:30 p.m. WEN DC is an organization that supports the professional development and advancement of women in the energy industry through relationships and networking. The events feature great food, drinks, networking, and socializing with your WEN members and other professionals from across the energy industry.

KB Hutchison to Address *WaPo* Forum – On Thursday at 6:30 p.m., U.S. Permanent Representative to NATO Kay Bailey Hutchison – former TX Senator and Bracewell colleague will speaking one-on-one with columnist David Ignatius at *The Washington Post*. Hutchison will explore the future of NATO, mounting threats from Russia against Western allies and the ambassador's top priorities for military cooperation, intelligence-gathering and combating terrorism. This live, on-stage interview is a part of the ongoing "Securing Tomorrow" series.

House Resources Looks at Onshore Energy – On Friday at 9:00 a.m., the House Resources Committee's Subcommittee on Energy and Mineral Resources will hold a legislative hearing on a discussion draft of legislation looking at opportunities for to harness onshore resources to achieve domestic energy independence by empowering States to manage the development and production of oil and gas on available Federal land, and for other purposes.

Wilson Forum to Look at Mexico Energy Outlook – On Friday at 4:00 p.m., the Woodrow Wilson Center will hold a forum looking at Mexico's energy outlook. Mexico's landmark 2013 energy reform has caused a transformation for PEMEX from a monopolistic national oil company to a company with a competitive entity, with a more efficient business model. José Antonio González Anaya has been leading this effort since February 2016, and has emphasized the importance of partnerships along the breadth and length of PEMEX activities. PEMEX is now fully engaged, since 2016, in exploration and production activities in partnership with private

and foreign companies. The event will feature a conversation with José Antonio González Anaya, where he will speak about the progress that has been made and the challenges the company will face in the next 12 months.

IN THE FUTURE

Wilson Center to Host Events on Resilience Week – The Wilson Center's Global Sustainability and Resilience Program is hosting the 2017 Resilience Academy Capstone Conference next week in cooperation with the Munich Re Foundation, UN University-Institute for Environment and Human Security, and International Centre for Climate Change and Development. Among the event will be three public sessions of the Academy, covering the many ways in which resilience is vital for communities around the world.

JHU to Host Sustainable Energy Institute – Next Monday, October 16th at Noon, Johns Hopkins University's SAIS will launch its Initiative for Sustainable Energy Policy (ISEP) to conduct policy analysis that will help governments universalize energy access at minimal environmental impact. Directed by Johannes Urpelainen, the Prince Sultan bin Abdulaziz Professor of Energy, Resources and Environment, ISEP offers bold ideas, rigorous policy analysis, and sustained engagement with policymakers and other change agents.

Wilson Forum to Look at Cities, Cars, Air – The Woodrow Wilson Center's China Environment Forum will host a forum next Tuesday at 9:30 a.m. on how cities are confronting the challenges of adapting a transportation system to new sustainability concerns. Simon Ng, an independent researcher formerly with Civic Exchange, will reflect on Los Angeles' and Hong Kong's quests for sustainable mobility and urban livability while also shedding light on the similar challenges faced by ever-growing Chinese megacities. Drawing on years of International Council on Clean Transportation (ICCT) engagement in the PRD lowering vehicular emissions, Zifei Yang will introduce the increasingly effective vehicle emission control programs that Shenzhen and other PRD cities have instituted.

National Bioenergy Day 2017 – The Department of Energy (DOE) will celebrate its 5th annual National Bioenergy Day on Wednesday October 18th to celebrate bioenergy, a form of renewable energy derived from biomass—organic material—that can be used to produce transportation fuels, products, heat, and electricity. This is an opportunity to showcase bioenergy facilities and

the bioenergy supply chain around the United States.

BPC to Host Moniz on Nuclear – The Bipartisan Policy Center will host former Energy Secretary Ernest Moniz a conversation on October 18th at 9:00 a.m. with BPC President Jason Grumet to discuss the vital role U.S. nuclear energy plays in achieving national security objectives. The conversation will highlight the key takeaways from *The U.S. Nuclear Energy Enterprise: A Key National Security Enabler*, a report issued by Sec. Moniz’s new Energy Futures Initiative.

USEA Hosts Energy Transition Outlook – The US Energy Assn will roll out the DNV GL Energy Transition Outlook on Wednesday, October 18th at 9:00 a.m. in the Fourth Estate Room at the National Press Club. The Outlook provides a balanced forecast of our energy future through to 2050 and draws on DNV GL’s independence and its broad involvement across the entire supply chain, spanning complex offshore infrastructure, onshore oil & gas installations, large-scale wind, solar and energy efficiency projects and the world’s most advanced electricity transmission and distribution grids. The report forecasts energy demand and supply globally, and in 10 world regions.

Press Club to Host Comms Summit – On Wednesday, October 18, the National Press Club will host its annual Communicators’ Summit at the Club’s First Amendment Lounge. This year’s theme is “Content is King.” Leading experts will share insights on producing content suited to the unique strengths of different digital, online and social media channels, as well as emerging technologies. We’ll discuss the challenges of developing credible and compelling content at a time when trust in corporations, government, NGO’s and the media is being tested more than any time in a generation. Speakers will include AARP’s Bill Walsh, AXIOS Editor Nicholas Johnston, Twitter’s head of Global Public Policy Communications Emily Horne, Richard Levick, Scripps News Washington Bureau investigative correspondent Mark Greenblatt and several more. The Luncheon Keynote speaker will be Richard Edelman, President and CEO of Edelman. Special kudos to our friend Tim Brown of GE Renewable who is helping put the program together.

ELI Hosts Annual Dinner, Forums – The Environmental Law Institute holds its annual awards dinner honoring Achim Steiner, Administrator for the United Nations Development Program on Wednesday October 18th at the Omni Shoreham in DC. At 2:00 p.m., they will host a discussion about “cooperative federalism” and the need to ensure that environmental program administration reflects the significant expertise and experience state environmental agencies now

have after decades of administering environmental protection laws. Panelists will include ECOS's Alexandra Dapolito Dunn, Chevron's Richard DeSanti, BNSF's John Lovenburg, Todd Parfitt of the Wyoming DEQ, C2ES's Janet Peace and Martha Rudolph, Director of Environmental Programs at the Colorado Department of Public Health and Environment. They will also hold the Miriam Hamilton Keare Policy Forum on cooperative Federalism, featuring GE's Neil Kemkar, Bob Martineau of the Tennessee DEC and several others.

JHU to Look at EVs – On Wednesday, October 18th at 5:00 p.m., Johns Hopkins University hosts a forum on electric cars. Speakers will address range, infrastructure, environmental impacts and other Issues.

CSIS to Look at Vehicle Issues – The CSIS Energy & National Security Program and Van Ness Feldman are pleased to announce a conference on the history of vehicle efficiency standards and electricity regulation in honor of the late Robert Nordhaus. This program looks at the evolution of two policy areas in which Bob made an important mark, and which raise issues of great significance today. Panels will include former Energy Committee Chair and RFF Head Phil Sharp, former Bush 43 CEQ chief Jim Connaughton and Alliance of Automobile Manufacturers CEO Mitch Bainwol, as well as former FERC Commissioners Tony Clark and Joe Kelliher.

DOE, NEI Host Nuclear Forum – The Department of Energy and the Nuclear Energy Institute will host the Millennial Nuclear Caucus on Thursday, October 19th at 5:00 p.m. in Washington, DC. Stay tuned for details.

Forum to Look at Storage, Micro Grids – On Thursday, October 19th at 5:30 p.m. at EEI, Leaders in Energy, along with Resilient Virginia, will be sponsoring a forum on improving resilience through microgrids and battery storage. The utilization of microgrids plus battery storage is seen increasingly by public and private organizations as the wave of the future to help ensure energy reliability and security in the age of intense hurricanes and cybersecurity threats. Topics include: technology that supports the utility/microgrid interface, tools for developers to assess microgrid viability based on existing infrastructure and regulations, how local governments in the DMV are working with private companies to make microgrid development financially feasible, and how our regional Department of Defense installations are utilizing microgrids as part of their energy security systems. Speakers include EEI's John Caldwell, USGBC's Brendan Owens, Dan Ton of DOE's Smart Grid R&D and Michael Yambrach, the Energy and Sustainability director in Montgomery County, MD.

Economists to Host Weather Hedge Specialist – The National Capitol Chapter of the US Assn Of Energy Economists will host their October forum with Munich Re's Edward Byrne on Friday October 20th at Carmines. Ed Byrns has specialized in weather hedging for many years. His talk focuses on how the new world of big data is creating innovative weather risk products to manage business exposure.

This presentation is a journey from the past to the present and on to the future. Throughout this journey, we will learn what weather risk management is, where market capabilities are today and how future solutions could target micro-level risks.

Renewable Tour Set for October Shenandoah Fall – JMU's Center for Wind Energy joins the nonprofit American Solar Energy Society (ASES) and hundreds of solar-savvy installers and grassroots organizations throughout America to showcase thousands of solar-powered homes, schools and businesses in Virginia and across North America -- for the 22nd Annual National Solar Tour, the world's largest grassroots solar event. The ASES National Solar Tour shows families and businesses real-life examples of how their neighbors are harnessing free energy from the sun to generate electricity, warm and cool their homes, heat water and slash monthly utility bills.

Green Bonds Conference Set for NYC – Environmental Finance will host Green Bonds 2017 at 10 on the Park in New York City on October 23rd. According to the Green Bonds Database, the American green bonds market has continued its rapid growth with over 17\$ billion issued in the last twelve months.

At the conference this year we will look at the drivers behind this boom and how to ensure sustainable growth as the market matures.

AWEA Finance, Offshore Conferences Set for NYC – AWEA hosts its Wind Energy Finance & Investment Conference in NYC on October 24-26th at the Roosevelt Hotel. Wind energy continues to grow and is providing jobs, community value and, solid investment opportunities. The event will also be co-located with AWEA's annual Offshore WINDPOWER conference, which will feature Denmark's Minister of Energy, Utilities and Climate Lars Christian Lilleholt and DOE's Tim Unruh, Deputy Assistant Secretary for Renewable Power.

Women Renewable Energy Forum Set – The Women of Sustainable Energy and Renewable Industries (WRISE) Leadership Forum 2017 on November 6-7 in its inaugural year under the new brand (previously WoWE). Co-located with the AWEA Fall Symposium, this event will feature keynote speakers, professional development, networking, and expert panels on key issues

in the industry.

AWEA Fall Symposium Returns to New Mexico – On November 7th through the 9th, AWEA hosts its annual Fall Wind Energy Fall Symposium at the Hyatt Regency Tamaya Resort, where key strategic decisions are made to build the future of wind energy. The event will feature new executive insights, and actionable strategic plans to power your business in the upcoming year.

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