

Message

From: Maisano, Frank [frank.maisano@bracewell.com]
Sent: 6/18/2018 7:16:05 PM
To: Maisano, Frank [frank.maisano@bracewell.com]
Subject: June 18 PRG Energy Update: Summer Solstice Energy

Friends,

The winner of the 2018 US Open for golf this year was Shinnecock Hills. Yes, [Brooks Koepka took home the trophy for the second straight year](#) – which is amazing and rare – but the course really was the overall winner, proving tougher than even many of the greatest players in the world could even imagine. This was exemplified by the controversy when [Phil Mickelson struck his own still moving ball on the 13th green on Saturday](#). The crazy things a tough course does to these guys.

And talking about crazy. How about [Argentina/Iceland](#) playing to a 1-1 tie? And forget about natgas drilling or global warming, apparently, a World Cup victory over Germany can [cause an earthquake](#) in Mexico. Colombia/Japan kick off tomorrow's FIFA World Cup action as Group Play continues. See [the full schedule here](#).

Trade talk is buzzing across town and it will likely get more heated this week when Commerce Secretary Wilbur Ross [appears Wednesday](#) before the Senate Finance Committee to discuss tariffs. On the international trade front things are staying very busy: new tariffs on China, the future of NAFTA in question, and the ongoing dispute over the steel and aluminum tariffs. Secretary Ross will have to be prepared to answer questions on all of these topics and more. Our team here has been in the trenches in this policy debates and has been watching all of these issues closely. If you want to get a perspective on the ongoing trade disputes and what they may mean for the manufacturing and energy sectors feel free to contact Paul Nathanson (paul.nathanson@bracewell.com, 202-828-1714) or Josh Zive (josh.zive@bracewell.com, 202-828-5838).

Meanwhile, Energy Secretary Rick Perry will deliver remarks Friday at the Commerce Department's [SelectUSA 2018 Investment Summit](#), discussing energy investment and innovation technology.

Ahead of this week's meeting of members and nonmembers of the Organization of the Petroleum Exporting Countries, OPEC members are considering a compromise agreement to increase oil production by 300,000 - 600,000 barrels per day in the next few months, according to people briefed on the discussions. Action starts Wednesday and our friends from SAFE can give you the full brief if you call Bridget Bartol (bbartol@secureenergy.org).

In Congress, the House takes up a number of funding bills (including the Energy/Water funding legislation) on the House Floor. Expect amendments and votes on all sorts of topics. A House Energy panel [meets Wednesday](#) to explore the effects of the recent tax overhaul. On Thursday, the House Science Environment Subcommittee holds a hearing on state perspectives regulating background ozone. Then Friday, another House Energy panel [gathers](#) for a hearing on advanced biofuels.

Outside DC, [CO2NNECT 2018](#) launches today in Jackson Hole today to look at progress on carbon capture and features remarks from Sen. EPW Chair John Barrasso, Democratic Gov. Steve Bullock of Montana and GOP Gov. Matthew Mead of Wyoming. And starting tomorrow [Renewable Energy Finance Forum \(REFF\) NYC](#) brings together the biggest investors and developers to drive investment in the renewable energy sector. Finally, on Thursday, our friend Matt Letourneau from the Chamber's Global Energy Institute (GEI) speaks to a group of utility communicators in Louisville, Kentucky at [UCI's 2018 annual conference](#).

Speaking of the Chamber's GEI and Thursday, they will host a global energy security forum at 3:30 p.m. that will release the 2018 International Index of Energy Security Risk. GEI President and CEO Karen Harbert and White House Energy Advisor Wells Griffith will offer remarks, while GEI international expert Steve Eule hosts a panel that includes Embassy Energy officials from Canada, Mexico and the UK.

Summer Solstice on Thursday... Longest daylight of the year and first official day of Summer!!! Call with questions...Best,

Frank Maisano

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FRANKLY SPOKEN

“Self-driving technologies will have an enormously positive impact on our country, our economy, and our society. This is an opportunity too great to ignore and now is the time to prepare and implement policies that will unlock these myriad benefits and mitigate any negative impacts of this technological shift. There is a balance we must strike to realize the billions in economic savings from increased travel access and productivity, to reduced congestion and fewer accidents. The more we maximize the economic and productivity benefits while minimizing any potential impacts on job holders, the better off our country and workforce will be.”

Robbie Diamond, President and CEO of SAFE on the release of its latest policy brief: America’s Workforce and the Self-Driving Future: Realizing Productivity Gains and Spurring Economic Growth.

ON THE POD

Cap Crude: US Casts Big Shadow Over OPEC Meeting – As OPEC meets again in Vienna this week, the last US official to attend an OPEC meeting, Ken Hance tells Capitol Crude that the Trump administration should work closer with the producer group for price stability.

FUN OPINIONS

EIA: Adoption of AVs could increase U.S. transportation energy consumption – EIA release a great fact in its “Today in Energy series on autonomous vehicles. EIA says AVs are one of the main sources of uncertainty in the future of U.S. transportation energy consumption, as autonomous vehicle technology has the potential to change travel behavior, vehicle design, energy efficiency, and vehicle ownership. Analysis in EIA's *Annual Energy Outlook 2018* (AEO2018) shows that the widespread adoption of autonomous vehicles could increase overall light-duty vehicle travel and, depending on how those vehicles are powered, lead to slightly higher transportation energy consumption.

See graph and read more...

IN THE NEWS

ClearPath Continues Help for Heller – ClearPath Action Fund is planning to spend \$500,000 to help re-elect Nevada Sen. Dean Heller. ClearPath Action Fund Founder Jay Faison said Heller has long been a leader among Republicans in expanding clean energy deployment and innovation. The Heller effort includes a new set of digital ads that recognize his clean energy leadership in Congress. “Senator Dean Heller has worked across the aisle in Washington, taking bipartisan action for clean energy technologies that create good jobs in Nevada,” the 30-second ad states. That includes helping lead efforts to streamline clean energy project permitting on public lands and offer tax incentives for both clean energy production and storage. ClearPath will also run 15-second and 60-second ads showcasing Heller's record.

Simmons Named to Head DOE Renewable Office – President Trump intends to make Dan Simmons the permanent head of DOE’s energy efficiency and renewable energy office, after more than a year as its top official. Simmons became EERE's principal deputy assistant secretary on May 1, 2017, after working on Trump's DOE transition and beachhead teams. Simmons has been well-received by both renewable advocates and Congress who have appreciated openness. Before joining the administration, Simmons was the vice president for policy at the libertarian-leaning Institute for Energy Research, which regularly attacked the Obama administration's renewable energy programs. He also directed the Natural Resources Task Force at the American Legislative Exchange Council.

Report Provides Comprehensive View on Cost, Benefits of Self-Driving Tech – Securing America’s Future Energy (SAFE) today releases its latest policy brief: [America’s Workforce and the Self-Driving Future: Realizing Productivity Gains and Spurring Economic Growth](#). The study is an examination and in-depth economic analysis of the effects self-driving technologies could have on the American economy and its workforce. The report is based on research and individual reports led by three economists: former Bureau of Labor Statistics Commissioner Erica Groshen, former Senior Fellow at Resources for the Future W. David Montgomery and Compass Transportation CEO Richard Mudge. The report found that by 2050, AVs will add between \$3 to \$6 trillion in cumulative consumer and societal benefits to the U.S. economy. Annually, \$800 billion in economic and societal benefits could be realized when AVs are fully deployed. Nearly every American will benefit from improved safety, enhanced access to transportation for senior citizens, people with disabilities and the disadvantaged, increased productivity, and the ability to gain productive time for work or errands.

Electrification Coalition Releases Inaugural Zero Emissions Vehicle (ZEV) Scorecard – The Electrification Coalition (EC) released the [ZEV Scorecard](#), a ranking system and informational tool for policymakers, advocates, and the public to use as a guide to improve the effectiveness of state-level actions to increase adoption of plug-in electric vehicles (PEV). The ZEV states, which are already the country’s leaders of supportive PEV policies and adoption, were analyzed and placed into three tiers with California, Maryland and Connecticut placing in the top tier. The ZEV Scorecard was developed by the EC to provide a single, comprehensive and data-driven ranking of the ZEV MOU states. By tracking policy changes over time it can help to determine effectiveness of certain strategies and can underscore the importance for states and other regulators to continue to create policies that support PEV adoption. States can analyze the steps taken to date in order to determine if they should implement or add to financial and non-financial incentives, develop EV infrastructure and, or create public awareness campaigns. The 2018 ZEV Scorecard Tiered Rankings include Tier 1: California, Maryland, Connecticut; **Tier 2:** Massachusetts, New York, New Jersey and **Tier 3:** Vermont, Rhode Island, Oregon, Maine. To determine the scorecard rankings, the EC used a weighted ranking system and appraised state-level policy actions for three categories: 1. State-provided incentives to consumers; 2. Availability and support of public refueling infrastructure; 3. Outreach campaigns to educate the public. The EC plans to update its analysis and the rankings of the participating ZEV states annually. [The full report can be found here.](#)

DOE Announces Prize Competition Winners to Bolster Onshore Manufacturing – The Department of Energy [announced the winners of the American Inventions Made Onshore \(AIM Onshore\) Prize](#) Competition at the 2018 MFOresight National Summit in Washington, D.C. AIM Onshore is part of a DOE initiative to close the gap between American innovators who develop new energy technologies and domestic manufacturers who produce them. The four winning organizations listed below will receive \$150,000 to deliver DOE’s Build4Scale training to energy hardware innovators and help them forge partnerships with domestic manufacturers. DOE’s Build4Scale training, released earlier this year, equips American scientists and engineers with knowledge of basic manufacturing processes, an understanding of product design for manufacturing, and the know-how to make and evaluate manufacturing-related decisions. By requiring winners to demonstrate a sustainable revenue stream to continue providing the training, DOE is leveraging a small initial federal investment in an initiative that will ultimately be sustained by the private sector. Winners include **Innovation Works – Pittsburgh, Pennsylvania;**

mHUB – Chicago, Illinois; FuzeHub – Albany, New York and ADL Ventures – San Francisco, California

DOE’s Build4Scale training - developed by Lawrence Livermore National Laboratory in collaboration with industry, academia, and government and other resources - is available to the public for use and dissemination at [Build4Scale.org](#).

Report Says Clean Energy Moon Shot Needed – The University of Virginia Darden School of Business’ Batten Institute for Entrepreneurship and Innovation [released a new policy playbook](#) last week saying a national moonshot goal should be launched to spur more public and private investments in clean energy technologies. The playbook lists five other actions that should be taken, including national clean-tech bank and lending models and a “New Deal” strategy for helping communities bring in clean tech industries and jobs. The purpose of the playbook is to present new and innovative ideas for more rapidly moving the needle on addressing climate change. The policy actions presented here are motivated by a need to catalyze clean technology innovation. Recognizing that leadership by the federal government is unlikely in the current politicized environment, the playbook suggests a bottom-up approach to influencing change. Innovating for climate change will require solutions that address both mitigation and adaptation. See the [recommendations here.](#)

ON THE SCHEDULE THIS WEEK

Carbon Capture forum Features Barrasso, Govs – The Great Plains Institute holds [CO2NNECT 2018](#) today in Jackson Hole today to look at progress on carbon capture. event includes lawmakers such as Wyoming GOP Sen. John Barrasso, who heads the Senate environment committee; state leaders such as Democratic Gov. Steve Bullock of Montana and GOP Gov. Matthew Mead of Wyoming; and executives from companies such as NRG Energy Inc., NET Power LLC, Occidental Petroleum Corp., and Peabody Energy Corp. The event is designed to increase understanding and harness leadership support for carbon capture among governors; members of Congress; industry executives; labor, philanthropic and NGO leaders; and journalists and media influencers.

DOE, NEI, Westinghouse Address Nuclear Meeting – The American Nuclear Society's [annual meeting](#) is today through Thursday in Philadelphia at the Marriott. The event will feature business and government leaders delving into the global expansion of nuclear energy and revitalizing the struggling industry. Speakers include Westinghouse President and CEO Jose Gutierrez; Ed McGinnis of the Energy Department's nuclear energy office; and Nuclear Energy Institute President and CEO Maria Korsnick.

University Coalition Heads to CSIS – Today at 2:30 p.m., the CSIS Energy & National Security Program will host Janet Napolitano (President, University of California), Kristina M. Johnson (Chancellor, The State University of New York) and Timothy Carter (President, Second Nature) for a discussion on the recent launch of the [University Climate Change Coalition](#) (UC3), the role of research universities in the development of climate action plans, and their own imperatives for a more sustainable energy system. This spring, UC3 was launched by 13 research university systems in the United States, Canada, and Mexico to mobilize their resources and expertise to inform and facilitate climate solutions in partnership with businesses, local communities, cities, and states. The coalition will utilize its research base and multidisciplinary approaches to craft innovative climate action plans, develop new energy technologies, and advance climate science. UC3 will work in partnership with Second Nature's Climate Leadership Network, a group of hundreds of colleges and universities that have committed to take action on climate change and sustainability actions. [Climate Change and the National and Corporate Interest](#) is a high-level speaker series showcasing a variety of country and corporate perspectives on plausible pathways for pursuing a climate change strategy and why those actions are in their national or commercial interest.

RFF Webinar Set to Discuss Electricity Resilience – Resources for the Future (RFF) hold a [webinar today at 3:00 p.m.](#) focused on the economics of electricity system resilience. Researchers at Resources for the Future have published previously on decisionmaking on this topic, and on May 30, they co-hosted a workshop with the R Street Institute on economic approaches to identifying and addressing resilience in the bulk power system. This webinar will highlight the timely lessons from that workshop, including definitions of resilience and how it relates to reliability, what's wrong and what's right about existing markets and institutions, the role of consumers, and how to decide what to do next. A careful analysis suggests that current institutions to support system reliability go a long way toward supporting system resilience—and that real threats to reliable electricity supply and quick recovery from outages may lie in other parts of the system, and therefore call for differently targeted measures. Register to attend the webinar. Speakers include former AWEA policy chief Robert Gramlich, R Street's Devin Hartman, RFF's Karen Palmer and former DOE official Susan Tierney.

Forum to Look at Ukraine Energy – The Commission on Security and Cooperation in Europe hold a [briefing today at 3:30 p.m.](#) in Dirksen G-11 on curbing corruption in Ukraine's energy sector. This briefing will review the challenges facing Ukraine's energy sector with a focus on corruption's role in preventing necessary reforms. Speakers will provide expertise and insight as to how Ukraine's energy sector fits into the larger picture of Ukraine's fight against corruption. They will also examine Russia's malign influence in the country. Finally, the briefing will offer policy responses to these issues. Former Ambassador Bill Courtney and CSIS expert Ed Chow will speak.

REFF Wall Street Forum Set – The [Renewable Energy Finance Forum \(REFF\) New York City](#) will be held tomorrow and Wednesday in NYC. For 15 years, REFF-Wall Street has brought together the biggest investors and developers to drive investment in the renewable energy sector. This year features a special line-up of dynamic speakers, high-level

networking opportunities, and the most active players in the renewable energy industry. FERC Commissioner Neil Chatterjee and ACORE's Greg Wetstone are among the speakers.

FERC Chair to Address NatGas Roundtable – The Natural Gas Roundtable will host its [monthly meeting](#) at the University Club tomorrow at Noon. FERC Chairman Kevin J. McIntyre, will be the guest speaker.

Stimson Center to Discuss China, Arctic – The Stimson Center's East Asia Program [discussion](#) tomorrow at 12:30 p.m. on regional perspectives of Chinese activities in the Arctic.

Landscape Architects Discuss Climate – The American Society of Landscape Architects holds a [discussion tomorrow at 6:30 p.m.](#) on smart policies for a changing climate. The event is a candid discussion with ASLA CEO Nancy Somerville and Diane Jones Allen of the College of Architecture Planning and Public Affairs at the University of Texas at Arlington. They will discuss a recent [Blue Ribbon panel's findings](#) and ASLA's ambitious efforts to align landscape design approaches through the adoption of effective public policies.

Senate Finance Talks Trade with Ross – Commerce Secretary Wilbur Ross will [appear Wednesday](#) at 9:00 a.m. before the Senate Finance Committee to discuss tariffs.

House Energy Panel to Look at Energy Tax Issues – The House Energy and Commerce Committee hold a hearing on Wednesday at 10:00 a.m. on the benefits of tax reform on the energy sector and consumers.

Senate to Host EPA Nominees – The Senate Environment Committee holds a hearing on the nominations of William McIntosh and Peter Wright to be assistant administrators of EPA on Wednesday at 10:00 a.m.

CSIS to Host BNEF Energy Outlook – The CSIS Energy & National Security Program is hosting the launch of Bloomberg New Energy Finance's (BNEF) New Energy Outlook 2018 on Wednesday at 10:00 a.m. NEO 2018 is BNEF's annual economic forecast for the world's power sector. Built over nine months, it is the result of international collaboration between 65 market and technical experts from BNEF's 11 offices. For the first time, NEO projects out to 2050, offering 10 more years of data and new insights about the energy transition in the long-term. Seb Henbest (NEO Lead Author and Head of Europe, Middle East & Africa; BNEF) will present the findings of the NEO 2018, followed by Q&A and discussion led by MIT's Francis O'Sullivan.

Book Event Looks at Chernobyl – The Woodrow Wilson Center Kennan Institute for Advanced Russian Studies holds a [book discussion](#) on Wednesday at 11:00 a.m. looking at a new book on Chernobyl and the history of the nuclear catastrophe. In his new book, *Chernobyl: The History of a Nuclear Catastrophe*, Serhii Plokhii draws on new sources to lay bare the flaws of the Soviet nuclear industry, tracing the disaster to the authoritarian character of Communist party rule, the regime's control of scientific information, and its emphasis on economic development over all else. Today, the risk of another Chernobyl, claims Plokhii, looms in the mismanagement of nuclear power in the developing world.

Atlantic Council Hosts BP Stat Review – On Wednesday at 12:30 p.m., Atlantic Council is hosting the US launch of the 2018 [BP Statistical Review of Energy](#) with BP Group Chief Economist Spencer Dale. As the energy landscape continues to undergo profound change, it is more important now than ever to understand the trends and developments driving this change. The 2018 BP Statistical Review of World Energy examines issues like who is winning the tug-of-war between OPEC oil and tight oil, why natural gas grew so fast in 2017, and if there is enough cobalt and lithium to fuel battery demand going forward. BP's Statistical Review provides an objective overview of what happened to energy markets in 2017 and a guide to future trends. Perhaps more importantly, it helps us better understand the complex world in which we operate. Dale will present the findings of BP's 2018 report, one of the most widely respected and highly anticipated global energy publications, followed by a moderated discussion.

GTM to Host Grid Forum – Greentech Media host [Grid Edge Innovation Summit](#) on Wednesday and Thursday in San Francisco. The event is an energy conference that will examine the energy customer of tomorrow and how new innovative business models are quickly emerging. GTM brings together forward thinking and prominent members of the

energy ecosystem and as our research team explores the future of the market. Former FERC Chair Jon Wellinghoff will speak along with many others, including our friends Shayle Kann, Julia Pyper and Stephen Lacey.

Forum to Discuss Roof Top Solar – Bernstein Management Corporation, Carr Properties, WC Smith, New Partners Community Solar and Sol Systems [host a forum on Thursday at 8:00 a.m.](#) at the Greater Washington Board of Trade to discuss different ways each took advantage of available incentives and successfully “went solar” in DC. Each will share the benefits, the challenges, and the lessons learned.

AAAS Hold Science/Tech Forum – The American Association for the Advancement of Science holds the [2018 Science and Technology Policy Forum](#). Former Rep. Rush Holt and other will speak on the [agenda](#).

OPEC Meeting Set for Vienna – OPEC hosts its [7th International Seminar](#) in Vienna with the theme Petroleum— cooperation for a sustainable future. Our friends at SAFE can discuss. Lots of big names speaking that you can see [here](#).

S&P Hosts Transmission Forum – S&P Global Platts holds [2018 Transmission Planning and Development Conference](#) on Thursday at the Hilton in Arlington, Va. The event will address key growth drivers impacting the US electric transmission grid. FERC Commissioner Neil Chatterjee, analyst Christi Tezak, hydro expert Jeff Leahy, ITC’s Nina Plaushin and many more.

Forum to Look at Water Infrastructure – On Thursday at 9:00 a.m., the Brookings Metropolitan Policy Program will host utility, workforce, and community leaders to discuss the economic and infrastructure opportunity offered in the water sector. The event follows the release of a new report, [Renewing the water workforce: Improving water infrastructure and creating a pipeline to opportunity](#), which provides clearer metrics and actionable strategies on this front. Louisiana Rep. Garrett Graves will keynote followed by a panel.

House Science Tackles Ozone Science – The House Science Environment Subcommittee holds a hearing on Thursday at 10:00 a.m. looking at state perspectives on regulating background ozone. Witnesses include Diana Rath of Alamo Area Council of Governments, AZ DEQ air quality official Tim Franquist, EDF’s Elena Craft and scientist Gregory Stella of Alpine Geophysics.

House Transpo Looks at Pipeline Legislation – The House Transportation and Infrastructure Subcommittee on Railroads, Pipelines and Hazardous Materials will host an oversight hearing Thursday at 10:00 a.m. to examine the *Protecting our Infrastructure of Pipelines and Enhancing Safety (PIPES) Act*, enacted in June 2016 in the wake of a 100,000-metric-ton gas leak from the Aliso Canyon underground storage facility managed by Southern California Gas Co. directed the nation’s top pipeline regulator, the Pipeline and Hazardous Materials Safety Administration, to set baseline safety standards for underground gas storage facilities, prioritize work on unfinished congressional mandates and study the potential for a centralized pipeline incident database, among other steps.

House Small Biz Committee Looks at Ag Regs – The House Small Business agriculture and energy subcommittee looks at how federal regulations affect small farmers. Witnesses include Craig Martins on behalf of the National Council of Farmer Cooperatives and GROWMARK, John Weber of the National Pork Producers Council and Glenn Brunkow on behalf of the American Farm Bureau.

Wilson Forum Looks at Arctic Communities, Energy – The Woodrow Wilson Center’s Canada Institute and Polar Initiative hold a [conference call briefing](#) on Thursday at 11:00 to discuss energy innovation in remote Arctic communities. The webinar features a spotlight on the energy approaches of these remote Arctic communities and how innovations are contributing to economic development and community resilience.

Forum to Look at Air Quality Issues –The World Resources Institute [holds forum](#) on Thursday at Noon looking at open air quality data to fight unequal access to breathable clean air. This presentation shares stories of communities from Delhi to Ulaanbaatar to Sarajevo and from scientists to journalists, using open air quality data from the platform to

advance their fight against air inequality. The subsequent [open-source tools](#), the OpenAQ community has developed and the entire data-sharing platform may be of interest to other open data communities.

Chamber to Release Security Index – The U.S. Chamber of Commerce’s Global Energy Institute (GEI) hold a forum to release its 2018 International Index of Energy Security Risk on Thursday at 3:30 p.m. GEI President and CEO Karen Harbert will offer remarks followed by a presentation and panel discussion on international energy security challenges moderated by GEI Vice President Steve Eule. The [Index of U.S. Energy Security Risk: Assessing America's Vulnerabilities in a Global Energy Market](#) is an annual energy risk indicator, which uses quantifiable data, historical trend information, and government projections to identify the policies and other factors that contribute positively or negatively to U.S. energy security. The Index provides a look at energy security retrospectively from 1970 to 2013 and prospectively from 2014-2040. From this data, policymakers and energy professionals can use the Index to track shifts in U.S. energy security over time and assess potential impacts of new policies.

Duke’s Good to Speak at Women Conference – The Center for Strategic and International Studies is hosting a [Smart Women, Smart Power](#) conversation with Duke Energy CEO Lynn Good on Thursday at 6:00 p.m. She will discuss trends impacting the energy industry, the challenges it faces, and the efforts being made to create a cleaner, smarter energy future. The conversation will be moderated by Fortune’s Nina Easton.

NERO to Honor Scalise, Heitkamp – The National Energy Resources Organization will hold its [2018 Awards dinner](#) on Thursday at the Capitol Hill Hyatt. Awardees will be Majority Whip Steve Scalise and Sen. Heidi Heitkamp. NERO is a non-partisan organization whose mission is to engage in dialogue on energy issues, recognize outstanding achievements, and promote public awareness.

House Energy Loos at Advanced Biofuels in RFS – The House Energy and Commerce hearing on Friday at 9:15 a.m. in 2322 Rayburn on advanced biofuels Under the RFS. The hearing will look at current status and future prospects.

Forum to Look at Climate Finance – On Friday at 10:00 a.m., Brookings [hosts](#) a panel of experts will provide an update on innovations in multilateral climate finance. John Roome, senior director for climate change at the World Bank, will discuss innovative approaches for supporting clean infrastructure in developing countries, since too often climate effects hit poor people the hardest. Kruskaia Sierra-Escalante, manager of the International Finance Corporation (IFC)’s Blended Finance Unit, will discuss blended concessional finance for the private sector. Brookings Senior Fellow Joshua Meltzer will discuss his latest research on the topic.

IN THE FUTURE

World Gas Conference Features Perry, Industry Leaders – The International Gas Union (IGU) hosts the [27th World Gas Conference](#) (WGC 2018) in Washington DC from June 25-29. The triennial event aims to raise the voice of natural gas while offering timely updates on strategic, commercial and technical issues facing the entire gas value chain and offers the most comprehensive and diverse program to date for the natural gas industry. For the first time ever this includes topics for professionals working in sectors including finance, trading, law, sustainability/renewables, policy/government. Energy Secretary Rick Perry headlines.

Young Professional Program for World Gas Forum Set – The [Young Professionals Program](#) (YPP) will hold a special forum during the World Gas Conference June 25-29 in Washington, DC. YPP will provide a great opportunity for promising young professionals in the energy sector to learn from top leaders in the natural gas industry and network with their peers throughout the world. More on this as we get closer.

Forum to Talk Eastern Europe Energy – The Atlantic Council Global Energy Center and the Hungarian Presidency of the Visegrád Group holds its "Towards 21st Century Energy Systems in Central & Eastern Europe" [conference next Monday](#). The event will feature discussion and debate on the strategic and policy implications of the Trump Administration’s energy agenda and its impact on the transatlantic relationship, with special attention paid to the Central and Eastern European region. The expert panels will discuss the impact of the US’ energy agenda on Central and Eastern Europe and innovation in Central and Eastern European energy systems.

Brookings Talking Global Markets With Experts – The Cross-Brookings Initiative on Energy & Climate will host Fatih Birol in a discussion facilitated by Initiative Co-Chair David G. Victor. Both renowned energy experts, they will discuss the latest updates in global energy, including recent evolutions in global markets and prices, and the intersections of climate change and energy policy. Fatih Birol is executive director of the International Energy Agency (IEA), and has been named by Forbes Magazine as one of the most influential people in world energy, and “Energy personality of the year” in 2017 by the Financial Times. He is also chair of the World Economic Forum’s (Davos) Energy Advisory Board and serves on the U.N. Secretary-General’s Advisory Board on Sustainable Energy for All. After the session, panelists will take audience questions.

ACEEE Forum Set – On Tuesday at the National Press Club, the American Council for and Energy Efficient Economy (ACEEE) will convene a one-day symposium to highlight international energy efficiency best practices, with a particular focus on opportunities for improvement in the United States. Our research has shown that energy efficiency can be a low-cost, powerful tool for countries to meet their energy and environmental goals and to sustainably increase shared prosperity. At this event, ACEEE will release its biennial International Scorecard, which examines the energy efficiency policies and performance of the world’s 25 largest energy-consuming countries. The scorecard evaluates countries based on 35 metrics and shows how all can substantially improve their energy efficiency. The symposium will feature four panels that will explore: (1) scorecard findings, (2) lessons learned from high-performing countries, (3) opportunities for the United States, and (4) notable efforts and opportunities for global companies.

CSIS Hosts Climate Investments Head – On Tuesday June 26th at 9:00 a.m., the CSIS Energy & National Security Program will host Pratima Rangarajan, CEO of Oil and Gas Climate Initiative (OGCI) Climate Investments, for a conversation on OGCI Climate Investments within the context of the OGCI, why the fund was founded last year, and how and why Climate Investments differentiates itself from other funds. OGCI Climate Investments intends to invest \$1 billion over the next ten years to develop and demonstrate innovative technologies which could significantly curb global greenhouse gas emissions.

Hydro Conference Set – HydroVision International will be held in Charlotte, NC on June 26-28th at the Charlotte Convention Center. HydroVision is the largest gathering of hydro professionals worldwide. The event highlights perspectives on the role of hydropower, explores issues affecting hydro resources, and helps participants develop a vision to meet challenges and ensure the future sustainability of hydro.

Forum to Look at National Lab Ideas – The Information Technology and Innovation Foundation holds a forum on Wednesday, June 27th at noon in 2325 Rayburn to look at new ideas for strengthening partnerships at DOE’s National Labs. Two promising ideas for providing such connections are the proposed Impact for Energy Foundation and the pilot small business voucher program. The former would make it easier for companies and philanthropists to work collaboratively with intramural teams at DOE labs. The latter provides small businesses that need sophisticated insights with no-cost access to lab experts who can accelerate their innovations. Speakers will include Reps. Randy Hultgren Ben Ray Luján, as well as Rita Baranwal, Director of (GAIN) Gateway for Accelerated Innovation in Nuclear at the Idaho National Laboratory.

Forum to Look at Energy Policy In Brazil – On Thursday, June 28th at 9:00 a.m., the Inter-American Dialogue will hold a forum to look at energy policy in Brazil. The event features a panel discussion on the recent oil licensing rounds, opportunities for private investment in the oil, gas and power sectors, and the outlook for energy policy next year.

Forum to Look at Fossil Fuels in Sustain Energy Future – The U.S. Energy Association holds a forum on Thursday, June 28th at 10:00 a.m. to look access to affordable, reliable, sustainable, and modern energy services while reducing greenhouse gas emissions and the carbon footprint of the energy sector. This briefing seeks to discuss the following within the context of the 2030 Agenda including recommendations on Carbon Capture Use and Storage; financing investment in fossil energy; transformation of the Energy System, among other things. The speaker will be Scott Foster, the Director of the Sustainable Energy Division with the United Nations Economic Commission for Europe.

Chatterjee Headlines Grid Forum – Icons of Infrastructure hold a forum at the National Press Club on Thursday, June 28th afternoon looking at the transformation of the energy grid. The forum will look at how needed research and development efforts gets funded and what are the stakes for consumers, the energy sector and policymakers. In one packed day of headline speakers, panel debates, creative networking opportunities, open discussions, and an in-depth analysis, you'll learn about exciting developments in domestic energy markets, and hear insider perspective on the challenges we face. Speakers include FERC Commissioner Neil Chatterjee, NREL's Peter Green, DOE's Eric Lightner and many more.

Forum to Look at Climate Risk – At the June Adaptation Community Meeting, the US Agency for International Development (USAID), the World Bank, the International Finance Corporation, and the Inter-American Development Bank will come together on Thursday June 28th at 4:00 p.m. At the World Bank to discuss each organization's current and emerging approaches to climate risk management. The discussion will highlight each organization's approach, initiatives to track and assess the effectiveness of climate risk management, lessons learned, and ideas for the future.

Mulvaney Headlines Annual CEI Dinner – On Thursday June 28th, the Competitive Enterprise Institute holds its annual dinner and reception at the Marriott Marquis. National Review's Jonah Goldberg will be master of ceremonies and keynoter is OMB chief Mick Mulvaney.

JULY 4th HOLIDAY

Clean Energy Forum on Schedule – The 2018 Congressional Clean Energy Expo and Policy Forum will be held on July 10th and brings together up to 45-55 businesses, trade associations, and government agencies to showcase renewable energy and energy efficiency technologies.

BPC Forum to Examine Oil, Gas Issues – On Thursday July 12th at 10:30 a.m., the Bipartisan Policy Center (BPC) convenes a panel of experts to examine the current state of the Environmental Social Governance (ESG) movement in the oil and gas sector and explore what's coming next. This movement continues to gain traction in a time when the regulatory agenda has changed significantly under the Trump Administration. ESG is particularly significant for the energy sector, specifically as shareholder resolutions surrounding climate change continue to take center stage in the media and in the boardroom.

Duke CEO, CARB Chair, Others Headline POLITICO Summit – POLITICO is hosting its second Pro Summit on July 17th at the Renaissance Hotel. The Pro Summit brings together Pro subscribers, expert reporters, key decision-makers, and others who are shaping the policy landscape for a full day of incisive conversations. Summit speakers include Rep. Joe Crowley, Duke CEO Lynn Good, FERC Chair Kevin McIntyre, Amy Myers Jaffe of the Council on Foreign Relations, Coal CEO Bob Murray, California Air Resources Board Chair Mary Nichols and many others. Duke Energy is the main event sponsor.

FRANK MAISANO

Senior Principal

Ex. 6

Policy Resolution Group