

Message

From: Maisano, Frank [frank.maisano@bracewell.com]
Sent: 5/14/2018 6:25:16 PM
To: Maisano, Frank [frank.maisano@bracewell.com]
Subject: May 14 PRG Eerngy Update: Preakness or Pruitt?

Friends,

While I always love the NHL hockey playoffs, now, I'm really excited after last night's Caps victory. Still six wins to go though and that is a long way to go!

This week is Preakness Week and the Preview is below. You can take your winnings from listening to me before the Derby and double your money. It is hard to see how *Justify* doesn't take this race, especially given the smaller 8-horse field and the fact the favorite wins this race more than 50% of the time. It looks like it will be another wet one though which didn't slow *Justify* at the Derby. Our friend Scott Dance of the *BaltSun* has the forecast. Wow... and only 5 days to the big wedding (and yes, NO CHANCE I am previewing it). I'm just glad it's early enough to not impact Preakness.

So last week was Hurricane Preparedness Week and I just wanted to remind you with the 2018 Hurricane Season fast approaching (June 1), you should remember the experts at MIT have a significant amount of really interesting research pushing the frontier of building materials use, with implications for policymakers, building designers, communities, and the vulnerable residents of hazard-prone areas. They have a cool, MIT-developed Break-Even Mitigation Percent (BEMP) tool which calculates the BEMP for eastern U.S. coastal communities prone to damage from hazards related to hurricanes. Along those lines, the American Institute of Architects hosts a discussion tomorrow at 5:00 p.m. to provide design and recovery insights from architects who served as responders following hurricanes last year.

This week is Infrastructure Week, and the action kicked off this morning at Union Station and carries on each day, while Axios hosts an event tomorrow morning with Sen. Inhofe. In the MIT vein, I am reminding you about a recent study using data from the very same MIT research group that says incorporating a life-cycle cost analysis (LCCA) provision into federal infrastructure legislation could save taxpayers \$91 million for every \$1 billion spent on projects.

On the Hill, it is Scott Pruitt week again. A second great hearing this week on Wednesday includes EPA Air chief Bill Wehrum, former EPA air office head Jeff Holmstead, NAM's Ross Eisneberg, NRECA's Kirk Johnson and several others to discuss the NSR reforms being suggested by the EPA.

Finally, the Farm bill will likely see a vote this week. The bill reauthorizes various commodity, trade, rural development, agricultural research, and food and nutrition programs and will likely get some attention given the current RFS battles. Stay tuned...

Out on Friday... Going to pick up Hannah at Wellesley as **SHE HAS FINISHED HER 2nd year**. OMG!! Call with questions. Best,

Frank Maisano

Ex. 6

c. (Ex. 6)

THE PREAKNESS

Now that the Kentucky Derby has come and gone, we have officially entered Triple Crown season. *Justify* put together a powerful showing despite ugly track conditions to win the Derby and emerge as the horse to beat at the 2018 Preakness Stakes.

Justify's run firmly established him as the early/heavy favorite in Baltimore. A field of 8 horses will take to the track on Saturday at Pimlico Race Course in Baltimore. The smaller field will make it a lot easier for Mike Smith to get *Justify* on the lead without traffic/trouble.

Quip and *Sporting Chance* will be new in the field, while Derby runner-up *Good Magic*, *Bravazo* and *Lone Sailor* return. *Magic* was a strong second but could not close on *Justify* while fresh making it hard to imagine he could be stronger with only two weeks rest. *Bravazo* definitely overachieved with his strong finish at the Derby and could also push, but don't count on it. *Lone Sailor* contended in Louisville but faded down the stretch so he seems to be unlikely to challenge.

The expectation that *Justify* would face a majority field of fresh, rested horses faded some with the small field. Again it seems some are waiting for the longer Belmont to be a fresh spoiler. Even so, *Justify* is a likely to be a heavy favorite (right now he is 1-2).

Justify is 4-0 in his career and just the ninth undefeated Derby winner in history. He also became the first horse since Apollo in 1882 to win the Derby after not competing as a two-year-old, breaking sports' longest existing curse. But even after his stellar performance at Churchill Downs, they still have to run it.

The shorter Preakness will probably still be muddy with rain expected here all week, but *Justify* conquered a very muddy and wet Churchill Downs track. Finally, the last four Baffert horses that have won the Derby, have also won the Preakness.

As for other challengers, *Quip* was the runner up in Arkansas and could hurt *Justify* with his speed, especially on a soggy track, but he is owned by the same group as *Justify*. *Sporting Chance* is a good long shot if you're looking for that. He ran the Pat Day Mile on Derby Day and looked strong despite his 4th-place finish. Other horses in the field will include *Diamond King*, *Tenfold* and *Pony Up*. Each of those will be fresh which makes them potentially dangerous, but a wet track tends to limit sleepers' chance to surprise. *King* is a local winner here in Maryland; *Tenfold* comes from the pedigree of 2007 Preakness Champ *Curlin*, won a couple of minor races earlier this year, but finished a distant 5th to *Magnum Moon* and *Quip* in Arkansas. *Pony Up* is in the *Seattle Slew/AP Indy* lineage and placed 3rd behind *My Boy Jack* at Keeneland in mid-April.

Some Good Preakness Facts

The Race: This is the 143rd Preakness Stakes. The Preakness is older than the Kentucky Derby but rarely gets credit for it. The Preakness was first run in 1873, two years before the first run for the roses. But since the Preakness wasn't run from 1891-1893 this year is the 143rd Preakness and the 144th Derby.

Distance: 1 3/16 mile (the shortest of the Triple Crown Races) or 9½ furlongs.

The Track: The Pimlico Race Course first opened in Baltimore, Maryland on Oct. 25, 1870. It is the second oldest racetrack in the country, behind only Saratoga in Saratoga Springs, New York. Pimlico was originally built so former Maryland Gov. Oden Bowie and his friends, horse racing enthusiasts, could race horses against one another. At a dinner party in 1868, Bowie and his friends agreed to hold a race in two years where the winner would host the losers for dinner. Despite both Saratoga and the America Jockey Club wanting to host the event, Bowie decided to build a brand new racetrack in his home state of Maryland for the occasion.

The Drink: In my Derby Preview, I slept on the Mint Julip and many of you reminded me of that important tradition. Therefore, here is the recipe for the Black-Eyed Susan, the official drink of the Preakness. The official ingredients include:

- 1½ ounce of Effen vodka
- 1 ounce of Makers Mark Bourbon
- 2 ounces of Orange Juice
- 2 ounces of sour mix

- Garnish with an orange and cherry

Post time: 6:18 p.m. EST

Weather: Rain all week with potentially 3 to 4 inches in Central Maryland. Rain on race day.

Purse: \$1.5 million with winners taking home 60% (\$900,000). Top five get \$\$\$\$. The Winner also receives a blanket of Black-Eyed Susans 18-inches wide and 90 inches long. It takes 8 hours to make the blanket.

Posts: Positions #5 and #6 have each seen two horses win since 2008. *Curlin* won from the #4 post in '07, but last year's Derby winner *Always Dreaming* bombed from there despite 13 winners in the past 114 years. Somewhere in the middle has been consistently the best spot, but the lowest numbers have been kind of late. *American Pharoah* won from No. 1 on its way to the Triple Crown in '15, following *California Chrome* from No. 3 in '14. Last year *Cloud Computing* shocked everyone out of No. 2. Again, the small size of the field and wet track may make this less important.

Odds:

Justify 1-2

Good Magic 3-1

Quip 12-1

Bravazo 18-1

Tenfold 20-1

Pony Up 25-1

Sporting Chance 28-1

Diamond King 28-1

Lone Sailor 30-1

Picks: Win – *Justify*; Place – *Quip*; Show – *Sporting Chance*

Super Box: Add – *Good Magic*

Sleeper Note: Don't be surprised if *Bravazo* once again sneaks into the mix.

Longshots: Definitely lay the \$2 on *Sporting Chance*

FRANKLY SPOKEN

“Terrific final decision from @POTUS meeting: E15, year-round plus RINs for all exports. This is a WIN-WIN for everyone. More corn will be sold (good for farmers), plus lower RINs (saves blue-collar refinery jobs), plus more ethanol exports (good for America).”

Sen. Ted Cruz on Twitter after a meeting at the White House with President Trump, EPA head Pruitt, Ag Sect Perdue and Sens. Toomey, Grassley and Ernst.

ON THE POD

Energy Gang Discussed New Tech Investments with Statoil –On a recent Energy Gang podcast, our friends at GTM talked with the executive in charge of Statoil's new energy investments, Stephen Bull. Statoil is the largest operator of oil and gas rigs around the world. Consequently, the company's biggest low-carbon investments are offshore: floating wind farms and distributed carbon capture and storage. Bull chats with The Energy Gang about the performance of floating wind, the economics of CCS, and whether oil companies are investing enough in their new energy divisions.

FUN OPINIONS

Cruz Talks Iran, NK, Biofuels on Fox – Late last week, Senator Cruz addressed the White House meeting on the RFS on Fox News saying “the President is saving tens of thousands of jobs” by fixing the broken RINs program. See it here: <http://video.foxnews.com/v/5783087431001/?#sp=show-clips>

IN THE NEWS

Chamber Energy Group Rolls out New Energy Innovation Initiative – The U.S. Chamber of Commerce’s Global Energy Institute [has launched a new multi-platform initiative](#) to highlight energy innovation efforts by industry. The *EnergyInnovates* tour kicks off with Alabama Power’s Smart Neighborhood, a partnership that includes Southern Company and Oak Ridge National Laboratory which employs a microgrid capable of reliably powering a community with solar, batteries or a backup natural gas generator.

Barclays Says Ethanol Exports Will be a Better Policy – Barclays Capital weighed in on ethanol exports saying in a report that the proposal export RINs would be a better solution to fix the Renewable Fuel Standard than year-round E15 gasoline. Barclays note said the drop in ethanol RIN prices by more than 50% year to date was largely due to the series of 2016 and 2017 waivers provided by the EPA, which has functionally reduced RIN demand. However, retroactive waivers, while offering temporary price relief through balancing RIN supply/demand, are not a structural or sustainable solution. They also added the “possibility of ethanol exports being counted toward the RIN requirement could potentially solve the RIN deficit issue and lead to a structurally much lower RIN price.”

EPA Looks to Build Economics Into NAAQS Decisions – Last Week, EPA said it will overhaul how it reviews national ozone limits by considering a range of adverse effects including economic and energy-related ones. Administrator Scott Pruitt signed a memorandum kicking off the agency’s review of the latest National Ambient Air Quality Standards for ozone, established in 2015 with the aim of finalizing a decision to reconsider, modify or maintain the NAAQS within the five-year window mandated by the Clean Air Act. The current ozone NAAQS stands at 70 parts per billion. The Chamber’s Dan Byers said “EPA’s NAAQS process has long been in need of improvement. The announcement signals a new approach focused on key statutory duties and regulatory flexibility, which should lead to a better process that won’t impede economic growth.”

Chamber Blog Highlights Jobs Benefits of HFC Reduction – Remember last week’s announcement regarding economic impacts of the Kigali amendment to limit HFCs, the Chamber penned a blog

UTC Members Elect SoCo’s Bryant as New Board Chair – Energy and water utility representatives across the U.S. approved [a new slate of officers](#) to lead the Utilities Technology Council (UTC). At UTC’s Annual Telecom & Technology Meeting today in Palm Springs, Calif., UTC’s core members elected Roger Bryant, IT Project Manager, Telecom Services at Southern Company Services, as its new Chairman of the Board. Mr. Bryant succeeds Immediate Past Chair Kathy Nelson of Great River Energy. UTC members also elected Greg Angst, Engineer in the Telecom Design Group at CenterPoint Energy, as its Vice Chair, and Kevin Huff, Telecommunications Operations Manager at Salt River Project, as its Secretary/Treasurer.

GTM Looks at Trends in Solar – [A new report from GTM](#) says – In the last five years – the cost of solar has fallen 48% and annual global solar installations are now total 100 gigawatts. In a presentation at Solar Summit earlier this month, GTM Research’s Scott Moskowitz highlighted current trends in solar PV technology like the rise of 1,500 volt systems and three-phase inverters overtaking central inverters. He also went on to provide an outlook on PV system prices.

ON THE SCHEDULE THIS WEEK

Forum to Look at China Nuclear – The Carnegie Endowment for International Peace will host a forum and [launch of “The Future of Nuclear Power in China”](#) today at 2:30 p.m. The groundbreaking new report, “The Future of Nuclear Power in China,” identifies and analyzes the challenges facing Chinese decision makers in developing and deploying nuclear power technology through mid-century. Speakers will include Mark Hibbs and Jane Nakano will discuss. James Acton will moderate.

Citi Energy Conference Set – Today through Wednesday, the Citi Global Energy & Utilities Conference is held in Boston and Cambridge, Mass. Participants include executives from Hess Corp., Devon Energy and other companies

Axios to Host Infrastructure Discussion – Axios' Mike Allen will host conversations on the news of the day and how it relates to Infrastructure Week tomorrow morning at 8:00 a.m. at AJAX. The event will feature Sen. Jim Inhofe, DC House Del. Eleanor Holmes Norton and Austin Mayor Steve Adler, who chairs the U.S. Conference of Mayors Subcommittee on Highways.

ITA Holds Enviro Tech Forum – The International Trade Administration holds a meeting of the Environmental Technologies Trade Advisory Committee tomorrow. The agenda includes optimizing the government's trade promotion programs; identifying market access barriers; discussing pros and cons of existing trade agreements; discussing foreign procurement policy, including issues with financing mechanisms; discussing localization requirements and non-tariff barriers; and making recommendations to the secretary.

Women in Green Power Forum Set – The US Green Business Council- National Capital Region holds its 3rd annual Women in Green Power Breakfast at The Hamilton tomorrow morning. The event celebrates women in local sustainability who are at the top of their game. Get inspired at this critical time for environmentalism and feminism. Through facilitated networking and a panel discussion featuring local Women in Green, the event will explore the complexities of women's leadership and share proven leadership principles practiced by female green leaders at every stage of their career, who are changing the way we think and build in the National Capital Region.

SE Solar Power Forum Set – The Solar Power Southeast is tomorrow and Wednesday in Atlanta. The focus of the event bring together those that are doing business in the region, or would like to conduct more business in the region to discuss strategies, market trends in the southeast, policy updates that impact businesses, and numerous networking opportunities to make more connections. SEIA head Abby Hopper leads the discussion.

Forum to Look at Central American Power Market Design – The US Energy Association will host a forum tomorrow at 10:30 a.m. on using best practices to design power sector programs. Juan Belt will look at case studies in Haiti & Central America. Belt will discuss a paper he wrote for the Copenhagen Consensus Center (CCC) that proposes measures to improve the power sector in Haiti and is based on best practices. The CCC "eminent panel", which included a Nobel Prize winner, selected this paper as the best among 85 proposed interventions, and the International Confederation of Energy Regulators (ICER) gave it the "Distinguished Scholar Award for 2018." Belt and USAID's Silvia Alvarado will also discuss a paper they are writing. Silvia is a former USAID officer and regulator of Guatemala, on possible measures to improve the power sector of the six Central American countries as well as the regional power pool. The paper will highlight the reasons why the reform in Guatemala succeeded, will describe USAID support, and will suggest what lessons could be applicable to other countries in the region and elsewhere.

Forum to Look at Saudi Nuclear Issues – Tomorrow at 12:00 p.m., the Global America Business Institute hosts a forum looking at commercial perspectives on Saudi Enrichment. Speakers will include Andrea Jennetta of Fuel Cycle Week and Melissa Mann of URENCO USA Inc.

Cal Energy Summit Set – The 6th annual California Energy Summit 2018 launches tomorrow in Redondo Beach and will bring policy-makers together with utility, IPP, energy storage and finance executives to provide the latest information on the opportunities and threats in California, and discuss potential strategies for the future. Our friends Dan Skopec of San Diego Gas & Electric and 8MinuteEnergy's Arthur Haubenstock will speak along with CAISO's Neil Millar, First Solar's Mark Fillinger and others.

UDel to Host Biden, Moniz on Prospects for Energy Jobs, Innovation – The University of Delaware hosts former VP Joe Biden and former Secretary of Energy Ernie Moniz for a conversation about the future of energy jobs and innovation in the U.S. tomorrow in Newark, DE. The event is a partnership between the Biden Institute and the Delaware Environmental Institute (DENIN) at the University. The event will also be streamed live. To view the live webcast, visit

sites.udel.edu/udlive. The link will become active 10 minutes before the program begins at 12 p.m. A recording will be posted on the DENIN website following the event.

Wilson Forum Hosts AK LG Mallott – The Woodrow Wilson Center [holds a forum tomorrow at 1:30 p.m.](#) will host Alaska Lt. Gov Byron Mallott shaping Alaska’s climate policy. Mallott will speak to the State of Alaska’s response to climate change through the work of the Climate Action for Alaska Leadership Team, established last October and charged with developing a recommended climate action plan and policy by September 2018. Follow the work of the CALT and preview the draft climate policy [here](#). An Alaska Native and clan leader of the Tlingit Raven Kwaash Kee Kwaan of Yakutat, Lt. Governor Mallott will also highlight work building partnerships with Pacific Island nations to create an indigenous, ocean-focused approach to climate solutions.

Coal Council Hosts Milloy to Discuss CCS – Tomorrow at 2:00 p.m., American Coal Council holds a [Q&A webcast](#) on innovative Carbon Capture and Sequestration solution with multiple environmental benefits. The web event will feature Steve Milloy. Interest in accelerating the development and deployment of technologies for CO2 emissions reduction is growing, as is the recognition that the cost of carbon capture and sequestration must be reduced to facilitate meaningful progress. Enhanced oil recovery is one strategy, and there are others such as direct air capture.

Aspen to Discuss Ocean Policy – The Aspen Institute holds a [discussion](#) on physical, chemical, and biological oceanography at 2:15 p.m. Panelists include Dr. Sylvia Earle, Co-Chair, Aspen Institute High Seas Initiative; Dr. Fanny Douvère, Coordinator, Marine Program, World Heritage Centre UNESCO; Dr. Francesco Ferretti, Research Associate, Stanford Hopkins Marine Station; and Dr. Barb Block via the White Shark Café. This event is the first for the High Seas Initiative, a program of the Aspen Institute that will ignite global awareness of the need to explore, understand and protect the last unregulated global commons: the remote ocean. The Initiative will work to support the creation, expansion, and enforcement of marine reserves, as well as educating and engaging youth to become future leaders working on behalf of our oceans.

AIA hosts Discussion on Insights for Hurricane Design, Recovery – The American Institute of Architects (AIA) is hosting an [educational discussion](#) at 5:00 p.m. tomorrow to provide design and recovery insights from architects who served as responders following hurricanes Maria, Harvey and Irma last year. Architects offer a unique perspective—not only to design communities and buildings to withstand disaster—but to analyze structural performance during post-disaster relief work. The panel will cover crucial information for the Senate to understand, especially as they consider the House passed Disaster Recovery Reform Act. In addition, the National Institute of Building Sciences will present relevant highlights from its [Natural Hazard Mitigation Saves: 2017 Interim Report](#) regarding the economic benefit of governments continuing to publicly fund disaster mitigation efforts.

Senate Approps to Host Pruitt – EPA Administrator Scott Pruitt is scheduled to testify on Wednesday at 9:30 a.m. before the Senate appropriations subcommittee that oversees his budget according to Sen. Lisa Murkowski, who chairs the panel.

House Approps Marks up Energy Funding – The House Appropriations Committee will mark up its fiscal 2019 energy and water title on Wednesday at 10:00 a.m.

House Science Look at Tech to Address Climate – The House Science Committee holds a hearing Wednesday at 10:00 a.m. on using technology to address climate change. Witnesses will include Oren Cass of the Manhattan Institute, Ted Nordhaus of the Breakthrough Institute, Phil Duffy of the Woods Hole Research Center and Georgia Tech’s Judith Curry.

House Energy to Look at NSR Program Reforms – The House Energy and Commerce Environment panel will hold a hearing on Wednesday at 10:15 a.m. EPA Bill Wehrum, Bracewell’s Jeff Holmstead (himself a former EPA Air office head), NAM’s Ross Eisenberg and NRECA’s Kirk Johnson will be among those testifying.

Moniz to Introduce ‘18 U.S. Jobs Report – The Energy Futures Initiative (EFI) and the National Association of State Energy Officials (NASEO), will publicly release the [2018 U.S. Energy & Employment Report \(USEER\)](#) Wednesday at 10:00 a.m. in 212-10 Senate Visitors Center. This is the third installment of the energy jobs survey established by the U.S.

Department of Energy in 2016, which offers data on employment trends in four key energy sectors. Monix will be joined by NASEO head David Terry and author David Foster.

BPC to look at Private-Public Partnerships – The BPC's Executive Council on Infrastructure is holding an event on Wednesday at 10:00 a.m. highlighting the role of public-private partnerships, or P3s, in addressing America's \$2 trillion in unmet infrastructure needs. P3s can bring private sector innovation, expertise, and capital to projects, helping communities across the U.S. modernize their transportation, water, and other infrastructure systems. Keynote remarks by Australian Ambassador to US Joe Hockey and a panel featuring Bechtel's Keith Hennessy and Lilliana Ortega of Parsons.

Forum to Look at Manufacturing – On Wednesday at 10:00 a.m., the Information Technology & Innovation Foundation releases a new report that reviews the progress of DOE's Manufacturing USA Institutes and looks ahead to their future. The report's authors, ITIF Senior Fellow David M. Hart and Peter L. Singer, will present their findings and discuss policy options to guide their next stage of evolution with an expert panel.

ELI to Look at Deregulation – The Environmental Law Institute will hold a forum and panel on Wednesday at Noon to discuss obstacles to deregulation, including when, and how, an agency must consider costs and benefits of staying, repealing, and rewriting rules. Speakers will discuss the types of rules and guidelines to which these requirements do and do not apply; comment on current challenges to the Trump Administration's deregulation agenda; and offer insights on the ways that administrative law is developing through interpretation of the APA and other relevant statutes.

Salazar Heads Press Club Dinner – The National Press Club Communicators Team hold its Legends Dinner on Wednesday at 6:00 p.m. in the Winners' Room. The honored guest will be former Interior Secretary and Colorado Sen. Ken Salazar. The dinner conversation will focus on the important communications-based strategies that moved his agenda and built a strong communications team, touching on: due diligence, crisis management, gaining congressional and White House support, building consensus with business leaders and constituents and working with media and reporters. Salazar will share practical lessons and challenges with that can bring value to contemporary communicators.

Forum to Look at PPPs – The Brookings Institution and the National Association of Counties hold a discussion on Thursday morning at 8:00 a.m. looking at modernizing infrastructure policies to advance public-private partnerships. Panelists will include NACo President and Tarrant County Commissioner Roy Charles Brooks and D.C. Office of Public-Private Partnerships Deputy Director Judah Gluckman.

Total CEO Hosted by CSIS – The CSIS Energy & National Security Program will host Patrick Pouyanné, Chairman and CEO of Total on Thursday at 9:00 a.m. for a conversation on Total's global gas, renewables, and power strategies and their implications for the company's activities in the United States. The discussion will encompass Total's position in natural gas markets, the growth and impact of renewables, and Total's investments in the renewables and power sectors.

Forum to Look at MI CCS Project – On Thursday at 10:00 a.m., the U.S. Energy Association will hold a forum focused on the Midwest Regional Carbon Sequestration Partnership (MRCSP), a large-scale demonstration project recently achieved the net CO2 storage of 1,000,000 metric tons in the CO2-EOR fields in Northern Michigan. This briefing will discuss how lessons learned from this successful program can be used to move CCUS towards deployment in appropriate settings. In addition to providing key aspects of the program, the speakers will discuss how the MRCSP research is impacting new projects in the USA and globally to build technical capacity. Speakers include Battelle's Lydia Cumming and Neeraj Gupta.

FERC Open Meeting – Thursday at 10:00 a.m.

Wilson to Host Brazil Bioeconomy Forum – On Thursday at 10:00 a.m., the Woodrow Wilson Center hosts a discussion of the future challenges and opportunities for agricultural value chains in a bioeconomy era with leading experts. Brazil, as one of the leading global agricultural producers and exporters, will play a significant role in building this new bioeconomy era. Led by Embrapa, the Ministry of Agriculture's research arm, Brazilian scientists and policymakers are already engaged in cutting-edge research involving microbes, genetic engineering, and biomolecules: new technologies

based in biology that have the potential to enhance agricultural productivity and the quality of food, while improving environmental sustainability.

Senate Environment to Look at Water Infrastructure – The Senate Committee on Environment and Public Works will hold a legislative hearing on Thursday at 10:00 a.m. on S.2800, America's Water Infrastructure Act of 2018.

ACORE Leads State of Industry Webinar – On Thursday at Noon, the [State of the Industry Webinar](#), a quarterly series produced in partnership between ACORE and Bloomberg New Energy Finance (BNEF), offers the latest intelligence and analysis on renewable energy markets, finance and policy. This quarter's webinar will reflect on the immense growth of community choice aggregation (CCA) in California as well as its emergence in other markets. Speakers will offer insights on the dynamics of CCA deals, and considerations in how to tackle and underwrite such projects.

AEE to Hold Cybersecurity, Grid Webinar – The Advanced Energy Economy will hold a webinar on Thursday at 2:00 p.m. on cybersecurity in a distributed energy future. The webinar will address protecting an evolving grid from digital attack. The panel of experts — all contributors to the [AEE Institute white paper on cybersecurity](#) — will discuss ways to make an increasingly complex, interactive, and distributed electricity system more resilient against cyber threats. Panelists include John Berdner of Enphase Energy, NYPA's Ken Carnes, Navigant's Ken Lotterhos and Todd Wiedman, Director, Security and Network, Landis+Gyr. Moderated by Lisa Frantzis, Senior Vice President, 21st Century Energy System, Advanced Energy Economy.

Moniz to Deliver Georgetown School Commencement – Former Energy Secretary Moniz delivers Georgetown University's School of Public Policy commencement ceremony Thursday at 5:30 p.m.

House Panel to Look at Waste Disposal – The House Energy and Commerce's environment panel discusses two reauthorization bills related to waste disposal in a legislative hearing on Friday at 9:00 a.m. The hearing is focused on H.R. 2278, the Responsible Disposal Reauthorization Act of 2017, and H.R. 2389, to reauthorize the West Valley demonstration project and for other purposes."

Forum to Talk Economic Methods –The US Assn of Energy Economists of the National Capital Area will hold its [monthly lunch](#) on Friday at the Chinatown Gardens restaurant featuring Powerhouse's David Thompson and focused on collecting and analyzing supply & demand data in the energy sector. Technical analysis (TA) differs from fundamental research as it focuses on price action and how that affects market participants' decision-making. While the two schools start from different perspectives, it's a mischaracterization to suggest they are antagonistic to one another. Many analysts use technical tools in concert with fundamental research as they develop market forecasts.

IN THE FUTURE

NAS Hosts Small Business Meetings – The National Academy of Sciences' Board on [Science, Technology and Economic Policy](#) will meet on next Monday and Tuesday to review the Small Business Innovation Research and Small Business Technology Transfer Programs at the Department of Energy Review.

Fox to Address Trade, Immigration, Trump – The National Press Club will host a [Headliners Luncheon](#) on Tuesday, May 22nd featuring former Mexican President Vicente Fox. Fox will deliver an address entitled "Democracy at the Crossroads: Globalization versus Nationalism". Fox, a right-wing populist representing the National Action Party (PAN), was elected as the 55th President of Mexico on December 1, 2000. Winning with 42% of the vote, Fox made history as the first presidential candidate in 71 years to defeat the Institutional Revolutionary Party (PRI). Fox's administration focused chiefly on improving trade relations with the United States and maintaining Mexico's growing economy. Fox left office in 2006, and in a break with his country's cultural norms and traditions has remained in the public eye post-presidency and has not been shy about expressing his views and opinions.

Forum Spotlights Rural Co-Ops – The [Partnership for Advancing an Inclusive Rural Energy Economy](#), a collaboration between the National Cooperative Business Association CLUSA and the Environmental and Energy Study Institute will hold a [livestream](#) on Tuesday May 22nd at 1:00 p.m. to look at how rural electric cooperatives are delivering cutting-edge

inclusive energy efficiency programs for their members--saving them money while supporting local economic development. This livecast will include information about the U.S. Department of Agriculture's Rural Utilities Services (RUS) loan program that co-ops can take advantage of to help deliver these benefits. Livecast speakers include Doug O'Brien of the National Cooperative Business Association CLUSA, Roanoke Electric Cooperative CEO Curtis Wynn and Mike Couick of the Electric Cooperatives of South Carolina. Roanoke Electric's "[Upgrade to \\$ave](#)" program and the "[Help My House](#)" program available to South Carolina's co-ops offer on-bill financing to help members afford cost-saving home energy upgrades. With on-bill financing, members repay their co-ops over time as part of their monthly electric bills, and the programs are designed so that members of all income levels can participate.

Forum to Look at Waste Energy – The Environmental and Energy Study Institute (EESI) and the American Biogas Council (ABC) hold a [briefing](#) on Wednesday May 23rd looking at the numerous challenges posed by organic wastes-to human health, water and air quality, and to businesses that must manage these wastes-and how anaerobic digestion offers solutions to these pressing issues. Anaerobic digestion is the process of converting organic materials, typically viewed as wastes, into usable products, including biogas, renewable natural gas (RNG), as well as valuable organic fertilizer and compost. These biogas systems turn a waste management issue into a revenue opportunity for America's farms, dairies, food processing, and wastewater treatment industries. Speakers for this forum will discuss the tremendous opportunities for rural and urban communities alike to use anaerobic digestion to foster healthy communities and businesses.

CSIS, EPIC to Hold Nuclear Forum – CSIS and the Energy Policy Institute at the University of Chicago (EPIC) will hold a [half-day public conference](#) on Thursday afternoon May 24th to address pressing questions in an effort to better understand the potential future of U.S. nuclear power. Nuclear energy faces an uncertain future in the United States as the fuel is beset by fierce competition from natural gas and renewable energy in many markets. Coupled with failure to deliver new projects on time and at cost, along with a public sensitive to operational safety, existing and future nuclear power generation is at risk in the United States.

Press Club Hosts Fox News Anchor – Bret Baier, chief political anchor for Fox News Channel and the anchor and executive editor of "Special Report with Bret Baier," will share his latest book, "Three Days in Moscow: Ronald Reagan and the Fall of the Soviet Empire," at a National Press Club Headliners Book Event on Tuesday, May 29th, at 7:30 p.m. in the Club's conference rooms. In "Three Days in Moscow" Baier uses the 1988 Moscow Summit, Reagan's pivotal final meeting with Communist Party Leader Mikhail Gorbachev, to examine the life and legacy of Reagan and his arduous battle with the Soviet Union through a new lens.

FERC Chair Headlines EIA Annual Energy Conference – EIA holds its annual [2018 Energy Conference](#) on June 4th and 5th at the Washington Hilton. FERC Chair Kevin McIntyre will keynote the event.

Hydrogen, Fuel Cell Forum Set for DC – The Fuel Cell and Hydrogen Energy Association will be hosting a full-day [forum and exposition](#) on Tuesday, June 12 in Washington, D.C. at the Ronald Reagan Building and International Trade Center with leading executives, experts, and policymakers on fuel cell and hydrogen technology. The forum will bring together key federal and state policymakers, including the Department of Energy and White House, as well as the broader environmental, transportation, and energy communities to raise awareness of the benefits of fuel cell and hydrogen technology. This event will precede the Department of Energy's 2018 Annual Merit Review.

GTM to Host Grid Forum – Greentech Media host [Grid Edge Innovation Summit](#) on June 20th and 21st 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.

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.

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.

FRANK MAISANO

Senior Principal

Ex. 6

Policy Resolution Group