Sierra Club of Pennsylvania, Southeastern PA Group Executive Committee Meeting

December 4, 2019 Meeting

Zoom call - https://zoom.us/j/7825257851, 929 436 2866 - Meeting ID: 782 525 7851

ExCom Members Attending: Pratima Agrawal, John Butler, Sue Edwards, Kevin Little, Dave

Moscatello, JimWylie

ExCom Members Absent: Tim Beckham, Jim Kaff,

Other Members Attending: Meenal Raval, Abby Wisor, Karen Melton, Emily Davis, Max Zahniser, Pat

Beaudet

The Meeting was called to order by Jim. Agenda

Secretary: (Emily Davis) The minutes were approved as emailed

Treasurer: (Emily Davis)

C4: Beginning Balance: \$11,855.04

Checking Account Income: \$ 249.77 (Sierra Club administrative reimbursement)

PayPal Account Income: \$ 68.29 (recurring donations)

Checking Expenditure: \$ 3,132.40 (DSM, Plastics Talk, RF100-Phila, Coho

PayPal Expenditures: \$ 15.89 (zoom)

Ending Balance \$ 9,024.81+4207.41^{note1} =13,232.22

C3: Beginning Balance: \$17,025.14

Income: \$ 0

Expenditure: \$ 249.77 (to C4 account)

Ending Balance: \$16,775.37

Notes: 1. paypal balance not included in previous reports

2. have 3 C3 reimbursement requests outstanding

Standing Committee Reports

Nomination Committee:

Ballots have been emailed (<u>ballot</u>) . It included both chapter and group ballot. On the ballot for SPG were:

Robert Kelly (Delco), Max Zahniser (Phila)

Emily Davis (Phila), Jim Wylie (Chesco, incumbent)
Meenal Raval (Phila), John Butler (Delco, incumbent)
Keith Parsons (Delco) Kevin Little (Phila, incumbent)

Conservation Committee: (Jim Wylie, Dave)

Ready For 100

Philadelphia

25 Activist Groups have been invited to talk about and build an Action Plan for achieving the goals of a clean energy transition. Facilitated by an experienced mediator (not RF100 or other group associate), 3 kickoff meetings have been defined (Nov, Dec, Jan) to flesh out the scope and goals of a stakeholders forum. Dave moved that we allot \$300.00 to the Philadelphia team to cover meeting expenses. The motion passed.

Clearly organizing to resist fossil fuel infrastructure expansion is still needed. RF100 is contributing to discussions about the future of the PES Refinery.

Suburban Philadelphia

RF100 hosted an After The Resolution Conference to talk about: Collaborating on Planning, Opportunities for Big Users, Efficiency and Financial options, Outside-The-Box thinking for small

users, Working With Environmental Justice Communities. And finally, momentum across the country, presented by Jodie Van Horn.

Delaware County

Radnor Twp is discussing how to budget for hiring a professional planner.

Swarthmore Borough is considering options for leveraging an Energy Planning Template being developed with volunteer talent in Cheltenham.

Haverford volunteers are looking for ways to ramp up the Solarize campaign in Delco for 2020. Montgomery County

Cheltenham team is working to improve a draft template for any township to use for energy transition planning. Exploring a partnership with Villanova sustainability masters students to help with some sections.

Bucks County

The Bucks team held their second organizing meeting in Nov. Busy building volunteer lists and identifying collaborative groups and committees to work with to advocate for renewable energy goals and plans in the Doylestown area.

Chester County

The Chester County Clean Energy Tour was a big success in Oct with over 200 people exploring 35 sites of local clean energy examples that are up and running now.

Organizing another public outreach event - part of the West Chester Christmas Parade on Dec 6. Hope to have marchers representing all 27 RF100 towns in PA, along with a big sun puppet and other props to advertise the fact that many regional towns are making a commitment to renewable energy.

West Chester is nearing the end of its energy planning process. The Advisory Group is being challenged to make sure that Cadmus delivers something useful and addresses all of the goals of the plan.

Septa

The zoning board approved the Air Management Services permit for the gas plant in Nicetown. Neighbors against the Gas Plant is working on a response to several questions.

Fossil Free Septa, led by 350 Philly, is drafting a letter regarding future purchased of electric buses. We will be asked to sign on.

Septa's leadership is changing. They have a new General Manager, Leslie Richards. Board Member Robert Fox will be retiring. Karen is writing a letter to the Montgomery County Commissioner who will nominate the new board member.

Future of PGW

Jim asked us to approve our sign on to a <u>letter</u> to Christine Knapp from a list of environmental organizations. The request was approved.

Future of Refinery Site

A review board is being created by the Clean Air Council. Zakia will be our representative.

The city's refinery report is at https://www.phila.gov/media/20191125145209/refineryreport-002.pdf The last day for bids is January 17th.

Meenal discussed this issue on Climate Talks: https://phillytalksclimate.com/2019/11/29/31-claim-our-power/

Future Energy (Dave)

Political Committee: (Robin Mann, Jim Wylie

Robin has submitted a report to Dave Hemberger. Members of the political endorsement teams will be asked to take training which will include the sierra club process, compliance, recruiting tem members and communications. The chapter hasn't determined what that will be working with national.

We should begin working on 2020 endorsements starting with the "heros." Jim suggested that we have a call-in in meeting the second week in January to vote on those candidates. This will include Pennsylvania house and senate and well as U.S Representatives.

Newsletter/Communications:

The Sylvanian (SPG newsletter now combined with it) will be emailed around December 15.

Meenal posted visit reports for pages on our web site

Education Committee: (Karen Melton / Kevin Little, Pratima Agrawal)

Old Business

New Business

January Meeting:

The January meeting will be held on the 8th before the Potluck New Years Celebration. The main business will be 6:00 with the focus on election results and election of officers. *Jim moved that we allocate up to \$100 for the pot luck dinner*. The motion passed. The ExComm will hold an online meeting on January 15 to vote on "hero" endorsement recommendations.

Keep Media Green:

Abbie reported that "Keep Media Green" is planning a Spring fund raising concert with singer / song writer John McCutcheon in March. She requested funds to support planning this activity. John made a motion to give KMG \$250. The motion passed. See brochure (page 8)

Announcements:

>Dec 12 Volunteer Leaders Town Hall - national grassroots call in (https://zoom.us/j/241351313) >Our Wild America - new campaign: Arctic National Wildlife Refuge - Looking for volunteer coaches this winter.

Meeting Call-in Number:

1-866-501-6174, PIN is 1004100#.

<u>return</u>

SPG ExCom Meeting Agenda

Wed, Dec 4, 2019, 6:15 pm

Join the Zoom call - https://zoom.us/j/7825257851

Or by phone: 929 436 2866 Meeting ID: 782 525 7851

We normally have a social event for the December meeting, but we decided at the Nov meeting to hold a (short?) Zoom call for our Dec meeting and have a social event in Jan, before or after our first ExCom meeting in 2020.

To give a little more structure to our monthly meetings, please consider this template: 6 sections in which we devote about 15 minutes to each section. Let's try to contain our (necessary) administrative talk and save more time for the save-the-planet stuff.

• Minutes, Treasury, Delegates, ExCom seats, Social	 Political, Communications Endorsements, Training, Lobbying, Newsletter, Social M 	Ready For 100, Fighting FF RF100, Pipelines, Refinery, PGW
 Clean Air/Water, Waste Air monitors, plastics, recycling, bags, open space 	 Counties Local organizing, Outings, Env Ed, Events Calendar 	• New business, etc

Below is a shared, dynamic agenda that we can all contribute to. Add items. Add details for discussion - before (preferred) or during the meeting. Things that need to be discussed by the ExCom and anything that needs to be decided or voted on.

Please add committee reports (or anything you want to report on) at the end of the file.

Agenda - Dec

<u>Admin</u>

- Introductions -
- Approve Nov Meeting Minutes (<u>all of our minutes</u>)
 Treasurer's Report

C4: Beginning Balance: \$11,855.04 + Paypal balance

Checking Account Income: \$ 249.77 (Sierra Club administrative reimbursement)

PayPal Account Income: \$ 68.29 (recurring donations)

Checking Expenditure: \$ 3,132.40 (DSM, Plastics Talk, RF100-Phila, Coho)

PayPal Expenditures: \$ 15.89 (zoom)

Ending Balance \$ 9,024.81+4207.41 note1 = **13,232.22**

C3: Beginning Balance: \$ **17,025.14**

Income: \$ 0

Expenditure: \$ 249.77 (to C4 account)

Ending Balance: \$ **16,775.37**

Notes: 1. Added paypal balance not included in previous reports

2. We have 3 C3 reimbursement requests outstanding

Nominating candidates for December SPG ExCom election

- Nominating Cmte: Edwards, Moscatello, Melton
- Ballots were sent to all SC members as part of chapter email send on Dec 1
- Here's a <u>blank ballot</u> (not prefilled with SC membership info)
- We have 6 seats expiring end of 2019. Candidates for 2-year terms are:
 - Robert Kelly (Delco),
 - Emily Davis (Phila),
 - Meenal Raval (Phila),
 - Keith Parsons (Delco)
 - Max Zahniser (Phila)
 - Jim Wylie (Chesco, incumbent)
 - John Butler (Delco, incumbent)
 - Kevin Little (Phila, incumbent)
- We will also have 3 openings for 1-year terms starting in Jan. The ExCom can vote to fill these positions in Jan.

Prep for Jan meeting

- Assume Jan 8 (not Jan 1)
- SPG ExCom election results
- · Officers and other roles
- Orientation for new members
- Social gathering after Jan mtg at CoHo?
- Dec 12 Volunteer Leaders Town Hall national grassroots call in (https://zoom.us/j/241351313)
- Our Wild America new campaign: Arctic National Wildlife Refuge <u>Looking for</u> volunteer coaches this winter.

Political, Communications

Endorsements

- Election Follow Up Reports
- 2020 Training: Suggestions from Dave H for Pol training in Feb:
 - Basic refresher on our process, endorsing good incumbents, recruiting Group Political Chair and team members.

- Thorough compliance review- PAC and c4 spending, communications, events
- Share early data on races and possible endorsements
- Environmental Voter Project training- canvassing, phone/text banking
- National Training Resources on Campfire Community
- Heroes list time to start considering
- 3 house members from SE PA retiring, per this
 - Rep. Steve Barrar (R-Delaware)
 - Rep. Steve McCarter (D-Montgomery) 154th District Adrienne Redd running, sent Montco lead here: sc.org/pa-spg / About Us / County political team lead
- Rep. Gene Digirolamo (R-Bucks)
- Lobby Visits
- Newsletter
 - Mid-Dec publication is on track. Jim, Emily
- Social Media
- Website (sc.org/pa-spg)
 - See most visited pages report below in Committee Reports

Conservation: RF100 & Fighting Fossil Fuel Expansion

- Ready For 100
 - See short reports <u>below</u> in Committee Reports
 - Any decisions needed by ExCom re: RF100?
 - Working w/ PennEnv in 2020
- Fighting Fossil Fuel Expansion
 - Pipelines
 - PES Refinery
 - Review Board being formed by CAC Zakia to be our rep
 - Future of PGW
 - Sign-On Letter to OOS ExCom to approve

Conservation: Air & Water Quality, Waste, Open Space

- Air Monitoring
 - Chester
 - Montco Plymouth, near Covanta plant
 - Philly near refinery, Nicetown gas plant
 - Delco Radnor
 - Purple air fundraiser gofundme

Plastic Bags

- Status of Phila Bag Ban Ordinance
 - https://www.inguirer.com/news/philadelphia-plastic-bag-ban-compromise-20191127.html
 - Squilla has posted notice that an amendment to the bill will be presented for City Council's consideration on December 5th, calling for a complete ban on plastic check out bags with a

six month (or a year) period) to show a 60% reduction of ALL single use check out bags (plastic and paper).

Open Space

Local Organizing, Outings & Events

- County Teams
 - Abbie to speak about sponsorship of Keep Media Green's spring concert
- Outings Report
- Events
 - Sat Feb 1 @ 10 1 / Groundhog Day Festival at Heinz Refuge / expecting a fun day of family-focused nature presentations and crafts, music, winter nature walks, and free refreshments. Last year, over 300 people attended throughout the day. Register to table at this event by emailing me at wingyi_kung@fws.gov.

<u>Other</u>

New Business

return

Website Visits:

- Top pages on our website (November)
 - www.sierraclub.org/pennsylvania/southeastern/rf100-after-resolution / 399
 - www.sierraclub.org/pennsylvania/southeastern / 238
 - www.sierraclub.org/pennsylvania/southeastern/ready-for-100-montgomery-county / 129
 - www.sierraclub.org/pennsylvania/southeastern/endorsements-fall-2019 / 107
 - www.sierraclub.org/pennsylvania/southeastern/ready-for-100 / 104
 - www.sierraclub.org/pennsylvania/southeastern/ready-for-100-chester-county / 86
 - www.sierraclub.org/pennsylvania/southeastern/ready-for-100-philadelphia/66

return

BENEFIT CONCERT JOHN McCUTCHEON

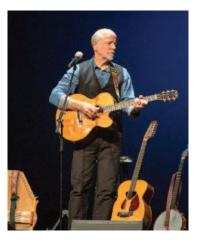
Songwriter, Folksinger, Storyteller, Multi-Instrumentalist



John McCutcheon is not only one of the best musicians in the USA, but also a great singer, songwriter, and song leader. And not just incidentally, he is committed to helping hard-working people everywhere to organize and push this world in a better direction. Pete Seeger

MEDIA COMMUNITY CENTER

Sunday, March 29, 2020 4:00 pm



Six-time Grammy nominee JOHN McCUTCHEON'S four-decade career has taken him around the world with his unique blend of stunning instrumental skills, incisive songwriting, and subtly seductive storytelling. As an instrumentalist, John McCutcheon is a master of a dozen different traditional instruments, most notably the hammer dulcimer. Committed to grassroots political organizations, John is on the front lines of many of the issues that are important to families and communities. John is performing for the benefit of Keep Media Green, which is working to protect the town's remaining open green spaces from over-development.

SPONSORSHIP & ADVERTISING OPPORTUNITIES



Mighty Oaks: \$500.00

4 Free Concert Tickets (front-row seats)
Free Full-Page Ad
Featured on all Concert materials and publicity releases
Featured on Keep Media Green website
for one month after the Concert
Special acknowledgement from the stage at the Concert



Towering Pines, \$250.00

2 Free Concert Tickets (second-row seats)
Free Full-Page Ad
Featured on all Concert materials and publicity releases
Featured on Keep Media Green website
for one month after the Concert
Special acknowledgement from the stage at the Concert



Flowering Dogwoods, \$100.00

Free Full-page Ad
Featured on Keep Media Green website
for one month after the Concert
Special acknowledgement from the stage at the Concert

PROGRAM BOOK

Full-page Ad: \$75.00 Quarter-page or Business Card Ad: \$35.00

Half-page Ad: \$50.00 One-line Greetings: \$15.00

To become a Concert Sponsor or to purchase an Ad in the Program Book, contact Terry Rumsey at terry@greenseedsgrants.com or 484.326.1370

How will KEEP MEDIA GREEN spend the funds raised from this Benefit Concert?

Through your generosity, Keep Media Green will be able to pay for:

Educational Materials

including brochures, films, newsletters, etc., that inform residents about our local lands and natural resources and about the laws, policies, and regulations that can be used to destroy those assets — or to help protect them.

Entertainers, Speakers, and Storytellers

who electrify, illuminate, and inspire people in ways that open their minds and hearts to our cause.

Promotional Materials

including banners, buttons, tee shirts, and yard signs, etc., that brand Keep Media Green and spread our advocacy and organizing messages around the town.

Professional Services

including the services of appraisers, architects, attorneys, conservationists, environmental engineers, etc. who can help us with the evaluation and preservation of open space and the natural environment.



What is? KEEP MEDIA GREEN



Keep Media Green is a nonprofit, all-volunteer organization that is dedicated to defending open space and the natural environment in Media, Pennsylvania.

Founded on February 13, 2019, the organization has grown rapidly and our 400 local members represent a powerful voice for preventing relentless overdevelopment, protecting the last remaining green spaces, and preserving the small-town environment of "Everybody's Hometown."

What does Keep Media Green do?

ACTIVATES

citizen energy, engagement, and empowerment in defense of local lands, streams, and wildlife.

ADVOCATES

for public policies and private initiatives to protect and preserve open space and the natural environment in our community.

EDUCATES

the residents of Media about key administrative, legal, legislative, planning, and zoning actions and issues impacting open space and the natural environment in our community.

INTEGRATES

multiple strategies, including community organizing, coalition building, public education, research projects, and visibility actions to create a sustainable future for the people and the land we live on in our local ecosystem.

Christine Knapp Office of Sustainability, City of Philadelphia 1515 Arch St Philadelphia, PA 19102

December 8, 2019

Dear Ms. Knapp,

Thank you for your leadership in making Philadelphia a more climate resilient and sustainable city. We appreciate that the City is commissioning a study about options for Philadelphia Gas Works' future. We are concerned, however, that the proposed "business diversification" study outlined in the October 2019 Request for Proposals (RFP) is too limited in its goals and methods to lead to the type of transformative plan that we need.

Our organizations call on the City to commit to the following goals and principles in planning for the future of PGW:

1. Set a goal for transforming PGW into a fully decarbonized municipal heating and cooling utility by the year 2030, and for ensuring that all buildings across Philadelphia can be heated without the use of fossil fuels at an affordable cost by that date.

The RFP does not specify a timeline for reducing greenhouse gas emissions. Instead, it states that the City and its contracted research team will work together to determine what decarbonization goals are feasible. As the climate crisis accelerates, we need to plan for a rapid phase-out of fossil fuels and for a zero-emissions future--not merely a "low carbon future," as described in the RFP. It is important that the City bases its plans on the ambitious targets that science and justice require, rather than on weaker targets that may appear to be more politically feasible.

- 2. Create just and equitable plans that:
 - a. Ensure all Philadelphians can afford to heat their homes, paying no more than 6% of their income for utilities.
 - b. Protect income, benefits, and pensions for PGW workers and retirees
 - c. Create good union jobs and makes new jobs available to people who have been excluded from living wage employment -- particularly Black and Brown residents
 - d. Encourage more community engagement with PGW's future and bolster PGW as a strong and vibrant publicly-owned utility
- 3. Ensure that planning for PGW's future considers funding sources, policy shifts, and technological improvements that may be needed to accomplish the 2030 goal. The City should fully examine technologies, business models, and policies that PGW and City government could implement with resources that are now available. At the same time, the planning process should recognize that a quick and equitable shift to zero-carbon heating may require investment from the federal or state government (or other potential Green New Deal investment funds), regulatory changes, or technology improvements that take place more quickly than is now anticipated.

 The study should identify resources that may be needed at the national level to inform conversations about federal energy and climate programs and the broader discussion about a nationwide Green New Deal. In the event that national resources are made available in the future, this funding gap analysis will assist the City in quickly identifying what to apply for. The PGW planning process should prepare for potential funding opportunities by establishing specific fundable projects (outside the City's current budget) that advance greenhouse gas reduction goals in an equitable and just way.

- 4. Consider how PGW's transition to zero emissions can be integrated with a comprehensive building retrofit program. Repairing and retrofitting buildings to make them more energy efficient will be an essential part of a transition to zero-carbon heating. Those activities could also improve residents' health, make our buildings more comfortable, bring down the cost of maintenance, and reduce gentrification and displacement. New research by Data Progress indicates that there is broad public support for large-scale federal public investment in "green housing retrofits." The City should explore options for such a program and examine the multiple benefits that could result.
- 5. Carry out a robust, participatory planning process that centers community and labor. The RFP references a public engagement process that will be separate from--though connected to--the consultant-led technical and economic study. We are concerned that the City has not released any details about the public engagement initiative. We believe this process must fully include workers and community members from the beginning.

Last fall, the Intergovernmental Panel on Climate Change wrote that we must make "rapid, far-reaching and unprecedented changes in all aspects of society" in order to limit global warming. The climate crisis is already exacerbating many of the inequities that Philadelphia residents struggle with: high energy burdens, low-wage jobs, health hazards in homes and school buildings, high rates of asthma, and rapid gentrification and displacement.

The City must lead the way in planning for the unprecedented changes that are required here in Philadelphia. Our communities are resilient, knowledgeable, and creative. Our workforce is dedicated, strong, and innovative. Our communities and workers can implement bold solutions. It's time for us to work together to plan and implement them.

In the following pages, we list technical, economic, and environmental questions that we believe the proposed study should address, plus ideas for participatory planning. We look forward to discussing how we can work with City officials to advance an innovative plan for PGW that creates jobs, advances racial and economic justice, and meets the goal of making our homes and buildings resilient, zero-carbon, and healthy.

Sincerely, List of groups

Attached: Proposed Considerations for Comprehensive PGW Study/Studies

return

Future Energy - Conservation Subcommittee Report December 2019 – DKM Politics

EPA to scale back federal rules restricting waste from coal-fired power plants

Agency chief Andrew Wheeler argues that Obama-era rules 'placed heavy burdens on electricity producers.' Critics call the changes unwarranted and potentially dangerous.

By **Juliet Eilperin** and **Brady Dennis The Washington Post** November 3, 2019 at 3:25 p.m. EST https://www.washingtonpost.com/climate-environment/2019/11/03/epa-scale-back-federal-rules-restricting-waste-coal-fired-power-plants/?wpisrc=nl_most&wpmm=1

AREA VOTES IN CONGRESS VOTERAMA IN CONGRESS

The Philadelphia Inquirer Sunday November 3, 2019, pb3

Washington — here is how Philadelphia-area members of congress voted on major issues last week:

House

Grand Canyon mining. Voting 236-185, the house on Wednesday passed a bill (hr 1373) that would make permanent a temporary moratorium on the issuance of new mining claims on federally owned land surrounding Grand Canyon national park in northern Arizona. A yes vote was to send the bill to the senate.

Voting Yes: Blunt Rochester, Boyle, Cartwright, Dean, Evans, Fitzpatrick, Houlahan, Kim, Norcross, Scanlon, Smith, Van Drew, and Wild.

Voting No: Smucker.

Senate

Health-Care Coverage. The senate on Wednesday failed, 43 for and 52 against, to adopt a democratic resolution (SI res 52) that would prohibit states from offering in their health-insurance exchanges diluted versions of the coverage required by the affordable care act. The measure sought to block a Trump administration rule under which states could obtain waivers to offer short-term policies that omit or weaken aca requirements in place since law was enacted in 2010. A yes vote was to adopt the resolution.

Voting Yes: Thomas Carper (D., Del.), Bob Casey (D., Pa.), Chris Coons (D., Del.), And Robert Menendez (D., N.J.).

Voting No: Pat Toomey (R., Pa.).

Not Voting: Cory Booker (D., N.J.).

This week. The senate will debate appropriations bills and judicial nominations in the week of Nov. 4, while the House will be in recess.

U.S. begins climate accord withdrawal

The administration sent official notification to the United Nations of intent to leave the Paris deal.

By Brady Dennis WASHINGTON POST The Philadelphia Inquirer Tuesday November 5, 2019, pA5

Bag ban loses green groups' backing. They are concerned about removal of 15-cent fee. By Laura McCrystal STAFF WRITER The Philadelphia Inquirer Tuesday November 5, 2019, pB1

Blue Wave in Suburbs Will Affect Septa Board. It will take a couple of years, though, until seats held by the GOP open up. *By Jason Laughlin Staff Writer* **The Philadelphia Inquirer Friday** November 8, 2019, pB1

Superfund cleanup finalized. EPA's \$74M plan in South Jersey criticized by Sierra Club. By Frank Kummer STAFF WRITER **The Philadelphia Inquirer** Wednesday November 13, 2019, pB2

State initiative aims at cutting litter problem. *By Frank Kummer STAFF WRITER* The Philadelphia Inquirer Friday November 15, 2019, pB7

States widen challenge to emission rules. *By Don Thompson ASSOCIATED PRESS* The Philadelphia Inquirer Saturday November 16, 2019, pA3

EDITORIAL Wrong way on fossil fuels. Lawmakers and leaders are myopically chasing short-term economic benefit at the expense of our planet's future. The Philadelphia Inquirer Friday November 18, 2019, pA10.

Study: GOP generational change on climate views. *By Frank Kummer STAFF WRITER* The Philadelphia Inquirer Tuesday November 26, 2019, pA2

Phila. can learn from Pittsburgh on climate change. *WILL BUNCH* The Philadelphia Inquirer Sunday December 1, 2019, pC4

U.N. chief warns of 'point of no return' on warming. "What is lacking is political will," he said on the eve of an international climate summit in Madrid. *By Aritz Parra and Frank Jordans ASSOCIATED PRESS* The Philadelphia Inquirer Monday December 2, 2019, pA8

POLICY

Copenhagen's lessons for Phila.

By Christopher M. Puchalsky The Philadelphia Inquirer Monday November 4, 2019, pA10

FOSSIL FUEL ISSUES

Rethinking Future Investments in Natural Gas Infrastructure. Cities and utilities across the United States are starting to reject natural gas — and not just for environmental reasons. Bruce Nilles And Mark Dyson Greentech Media November 08, 2019.

https://www.greentechmedia.com/articles/read/rethinking-future-investments-in-natural-gas-infrastructure

Forget the Green New Deal: America Is Now an Energy Superpower by Mark J. Perry. THE NATIONAL INTEREST November 9, 2019.

https://nationalinterest.org/blog/buzz/forget-green-new-deal-america-now-energy-superpower-95476

Next chapter for Phila. Refinery. The bankrupt PES site, damaged by a fire and explosions, could go to auction on Jan. 10. *By Andrew Maykuth STAFF WRITER* The Philadelphia Inquirer Sunday November 10, 2019, pE1

MARINER EAST

Pipeline permitting under an FBI probe. Federal inquiry joins actions already under way on the county and state levels of Sunoco's cross-state project. *By Andrew Maykuth and Jeremy Roebuck STAFF WRITERS* The Philadelphia Inquirer Wednesday November 13, 2019, pA1.

Two of America's biggest coal plants closed this month. By Michael J. Coren QUARTZ November 16, 2019

https://qz.com/1749023/two-of-americas-biggest-coal-plants-closed-thismonth/?utm_source=YPL&yptr=yahoo

Coal Knew, Too. Élan Young, HuffPost Fri, Nov 22, 2019 5:45 AM EST https://www.yahoo.com/news/coal-industry-climate-change-104500349.html

Business

Gas 'Witch's Brew' Has U.S. Exporters Facing Worst Scenario. Naureen S. Malik and Anna Shiryaevskaya, Bloomberg November 25, 2019. https://www.yahoo.com/finance/news/gas-witch-brew-u-exporters-000000440.html

3 injured as Texas plant explosion releases chemical plume. Yahoo! November 27, 2019 https://www.yahoo.com/news/plant-explosion-texas-blows-windows-082130378.html

CLIMATE CHANGE & ADAPTATIONS

Climate change will break the housing market, says David Burt, who predicted the 2008 financial crisis. Market Watch Published: Nov 2, 2019. By Rachelkoning Beals News Editor <a href="https://www.marketwatch.com/story/climate-change-will-break-the-housing-market-says-david-burt-who-predicted-the-2008-financial-crisis-2019-11-01?siteid=yhoof2&yptr=yahoo

Climate and Environment

More than 11,000 scientists from around the world declare a 'climate emergency'. Analysis outlines six major steps that 'must' be taken to address the situation. By Andrew Freedman The Washington Post November 5, 2019 at 10:18 a.m. EST

 $\frac{https://www.washingtonpost.com/science/2019/11/05/more-than-scientists-around-world-declare-climate-emergency/?wpisrc=nl_most\&wpmm=1$

Agency says climate change imperils 60% of Superfund sites. by Ellen Knickmeyer, Associated Press, November 18, 2019. https://www.inquirer.com/news/nation-world/superfund-sites-threatened-climate-change-20191118.html

Climate change is costly, and Pa. must act to protect taxpayers. *By Eugene DePasquale* The Philadelphia Inquirer Wednesday November 20, 2019, pA15.

Climate and Environment

In bleak report, U.N. says drastic action is only way to avoid worst effects of climate change. "We need to catch up on the years in which we procrastinated," a top official says. By Brady Dennis The Washington Post November 26, 2019.

https://www.washingtonpost.com/climate-environment/2019/11/26/bleak-report-un-

<u>says-drastic-action-is-only-way-avoid-worst-impacts-climate-change/?utm_campaign=post_most&utm_medium=Email&utm_source=Newsletter&wpisrc=nl_most&wpmm=1</u>

RENEWABLE ENERGY

Offshore Wind Is Breaking Out of Its Incubator Markets. The calendar is jammed with planned tenders in developed countries, but developing economies could propel the market from gigawatts to terawatts.

John Parnell Greentech Media November 01, 2019

https://www.greentechmedia.com/articles/read/offshore-wind-is-breaking-out-of-its-incubator-markets

ENERGY

N.J. moves to double offshore wind power. *By Frank Kummer STAFF WRITER* The Philadelphia Inquirer Wednesday November 20, 2019, pA11

Business

Solar energy 'breakthrough' could replace fossil fuels in some industries. Jon Fingas, Engadget November 20, 2019. https://www.yahoo.com/news/2019-11-19-heliogen-solar-concentrator-breakthrough.html

Tech Breakthrough Could Spark A Geothermal Energy Boom. Haley Zaremba, Oilprice.com November 20, 2019. https://www.yahoo.com/finance/news/tech-breakthrough-could-spark-geothermal-220000154.html

GRID EDGE

A Texas-Sized Gas-for-Electricity Swap. Converting homes to all-electric heating would save money and slash emissions in the Lone Star State, a study finds. Justin Gerdes Greentech Media November 22, 2019.

https://www.greentechmedia.com/articles/read/a-texas-sized-gas-for-electricity-swap

TRANSPORTATION

Fix congestion in Center City. | EDITORIAL The increased traffic around Center City has gotten a lot of attention, but is lacking action to solve the problem. The Philadelphia Inquirer Tuesday November 26, 2019, pA10.

World's Second-Largest Ferry Operator Switching From Diesel to Batteries. Washington State Ferries consumes as much fuel as a midsized airline. Jason Deign Greentech Media November 29, 2019.

https://www.greentechmedia.com/articles/read/worlds-second-largest-ferry-operator-switching-from-diesel-to-batteries

ENERGY STORAGE

Business

Answer to Renewable Power's Top Problem Emerges in the Outback. James Thornhill and Lars Paulsson, Bloomberg November 6, 2019.

https://www.yahoo.com/finance/news/answer-renewable-power-top-problem-180000710.html

ELECTRIC VEHICLES & TRANSPORTATION

Sierra Club finds few dealers carry EVs; those that do don't know much about them. Findings part of a wider survey and report urging wider adoption of electric cars. Reuters Nov 17th 2019 at 8:00AM

https://www.autoblog.com/2019/11/17/sierra-club-ev-survey/?yptr=yahoo

China's Biggest Electric Car Maker Might Have Solved the EV Charge-Time Conundrum. Mike Duff, Robb Report November 1, 2019. https://www.yahoo.com/lifestyle/china-biggest-electric-car-maker-223001391.html

CONSERVATION

3 years of bottled water, and still no fix. They knew the water was bad. Now they know their land is, too — part of the continuing nightmare of PFAS. *By Justine McDaniel and Laura McCrystal STAFF WRITERS* The Philadelphia Inquirer Sunday November 3, 2019, pB1.

CONSUMERS. Waste roiling water industry. A backlash against plastic is forcing soda giants to look for new streams of revenue. *By Thomas Mulier and Corinne Gretler BLOOMBERG NEWS* The Philadelphia Inquirer Monday November 4, 2019, pC1

Insect extinction 'is even worse than we thought,' scientists warn. Yahoo News UK November 4, 2019

https://www.yahoo.com/news/insect-extinction-is-even-worse-than-we-thought-scientists-warn-183951348.html

Food trucks, WiFi boost eyed for national parks. *By Louis Sahagun LOS ANGELES TIMES* The Philadelphia Inquirer Tuesday November 5, 2019, pA2

8 tips for remembering your reusable bags. *By Grace Dickinson STAFF WRITER* The Philadelphia Inquirer Tuesday November 12, 2019, pC1

PFAS source indicated in Bucks. *By Justine McDaniel and Laura McCrystal STAFF WRITERS* The Philadelphia Inquirer Wednesday November 13, 2019, pB3

Actor calls for action on PFAS regulations. Mark Ruffalo's new movie chronicles a lawyer's investigation into chemicals against DuPont. *By Justine McDaniel STAFF WRITER* The Philadelphia Inquirer Wednesday November 20, 2019, pA2

N.J. plan to save legacy of ancient oak. Seedlings from the Salem tree will be sent across the state to be planted and propagate. *By Ellie Silverman STAFF WRITER* **The Philadelphia Inquirer** Monday November 25, 2019, pB2

DRUMPFS OF THE MONTH:

Climate and Environment

EPA to scale back federal rules restricting waste from coal-fired power plants. By Juliet Eilperin and Brady Dennis The Washington Post November 3, 2019 at 3:25 p.m. EST https://www.washingtonpost.com/climate-environment/2019/11/03/epa-scale-back-federal-rules-restricting-waste-coal-fired-power-plants/?wpisrc=nl_most&wpmm=1

... but ...

EMBERS

Two of America's biggest coal plants closed this month. By Michael J. Coren QUARTZ November 16, 2019

https://qz.com/1749023/two-of-americas-biggest-coal-plants-closed-thismonth/?utm_source=YPL&yptr=yahoo

return