**Association** of Desk and **Derrick Clubs** 



# addo Tri-State News

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#### **August 2022**

## **Tri-State Desk and Derrick**

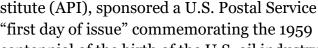
# **Editor's Musings**

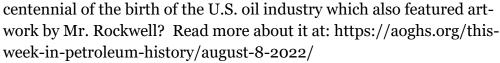
As a member of the Baby Boomer generation, I always have a hard time accepting that for most children the school year now starts near the beginning of August rather than the first Monday after Labor Day. Of course way back then, none of our schools were air conditioned, we didn't get as many breaks in the school year as students do now, very few households needed daycare because both parents worked outside the home and new school supplies consisted of pencils (not pens), composition notebooks, lined paper, and paper folders with pockets. Times change—mostly for the good, but—sometimes, I wonder. Oops, that sounds like a Twizzler commercial.

Speaking of times past, did you know that this month Desk and Derrick is featured on the American Oil & Gas Historical Society's webpage? Check it out at: https://aoghs.org/energy-education-resources/deskderrick-educators.

Also, did you know the *Oil and Gas Journal* promoted itself with an illustration by artist Norman Rockwell in an ad captioned, "Where Oil Men Invest Their Valuable

Reading Time" and the American Petroleum Institute (API), sponsored a U.S. Postal Service





On a sad note, I learned Kim Oelze's lost her battle with cancer on July 25th. Kim was a charter member of the Heartland Desk and Derrick Club of Southern Illinois and served as Region II Director in 2007.

Opinions expressed in this publication are exclusively those of the author and not necessarily those of the Association of Desk and Derrick Clubs or the Tri-State Club.

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August 2022

The deadline to register for convention is fast approaching, the sooner you get registered the easier it makes for planning. You can find the registration packet on our website at <a href="https://addc.org/upcoming-conventions/#!event/2022/9/21/70th-annual-addc-convention-pittsburgh-pa">https://addc.org/upcoming-conventions/#!event/2022/9/21/70th-annual-addc-convention-pittsburgh-pa</a>

At our last board meeting several innovative ideas were shared on how to recruit members. We recently had a request from a club to get copies of our ADDC brochure to assist in recruitment. An idea that was shared was along with handing out the ADDC brochure the club was adding in another brochure that highlighted what the club does! For example, does your club have any events coming up, golf tournament, industry appreciation? How about an overview on your membership meetings? If you are wanting some examples of how other clubs are putting together recruitment packets give me a shout!

Nomination Spotlights:

**President Elect Nominee** Wendy Sparks has been a member since 1997. She has served on numerous committees' and board roles at the association, region, and club levels. Wendy stated that she wants to be aggressive and determined to do her best to keep our clubs viable, active, and productive.

**Treasurer Nominee** Katherine Martin has been a member since 2001. She also has served on numerous committees as well as in regional and club roles. She also served as the 2014 GAC! Kathy shared that Serving as the 2022 Southeast Region Director and with the 2022 ADDC Board has given her a deep appreciation for the work that is done behind the scenes to keep this organization viable.

If you are attending convention this year, please be sure to find them and chat with these two ladies about their personal visions, goals, and backgrounds!

In closing, if you are reading this, thank you! The first person who emails me at <a href="mailto:pthompson@merrion.bz">pthompson@merrion.bz</a> and shares your ideas of recruitment will receive a \$25 Starbucks gift card on me and I will share your idea in my next newsletter and on our website!

Prayers and Blessings!
Phílana Thompson
pthompson@merrion.bz

### What is the Electric Grid

Author: Donna L. Hartig

Electricity---We depend upon a constant, dependable supply of electrical energy for almost every aspect of our daily life, but where does it come from and how does it get to where it is consumed? After receiving an email addressed: "To Our Valued Customers" from our local utility company, CenterPoint Energy, assuring me that I can rest assured of their ability to provide electricity regardless of any unexpected conditions, I looked up information on the electric grid and thought you might be interested in what I found.

The power or electric grid is a network for delivering electricity to consumers. It consists of generator stations, transmission lines and towers, and individual consumer distribution lines. Naturally, it begins with an energy source generated from coal, water, natural gas, oil, nuclear, wind or, more recently, solar. It is then converted into high voltage current for distribution through a complex network of transmissions lines. After traveling sometimes great distances to where it will be consumed by you and me, transformers convert the high voltage back to a lower voltage that we can use for everything from cooling our homes in summer to heating up the curling iron as we get ready for work. Of course, that's a very simplified explanation of how the grid works. For a more detailed explanation of how the grid works, visit:

How the Electricity Grid Works | Union of Concerned Scientists (ucsusa.org)

The electrical grid is mainly classified into two types:

**Regional Grid** – The Regional grid is formed by interconnecting the different transmission system of a particular area through the transmission lines.

National Grid – The National grid is formed by interconnecting the different regional grids.

The interconnected and complex nature of the electricity grid delivers several benefits [1] including:

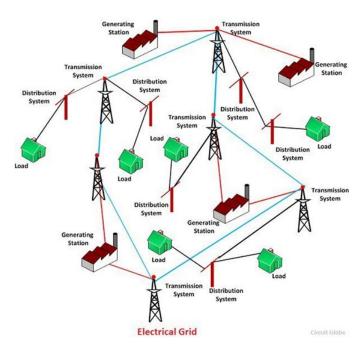
**Reliability:** Since the grid is an enormous network, electricity can be deployed to the right places across large regions of the country. The large transmission network allows grid operators to deal with anticipated and unanticipated losses, while still meeting electricity demand.

**Flexibility:** The electricity grid allows a power system to use a diversity of resources, even if they are located far away from where the power is needed. For example, wind turbines must be built where the wind is the strongest; the grid allows for this electricity to be transmitted to distant cities.

**Economic Competition:** Because the grid allows multiple generators and power plants to provide electricity to consumers, different generators compete with each other to provide electricity at the cheapest price. The grid also serves as a form of insurance as competition on the grid protects customers against fluctuations in fuel prices.

(Continued on Page 4)

### What is the Electric Grid (Continued from Page 3)



CenterPoint Energy is part of the regional grid operated by Midcontinent Independent System Operator (MISO) (pronounced mEYE-so). MISO is an independent, no-for-profit, member-based organization responsible for operating the electric transmission grid across 15 U.S. states and the Canadian province of Manitoba. As a Regional Transmission Organization (RTO), MISO is responsible for:

- 1. Balancing the electric grid by dispatching the generation of electricity across high-voltage transmission lines located with its region to serve customer demand.
- 2. Facilitating the buying and selling of electricity within its region through its markets.

MISO's role and responsibilities can be compared to those of an air traffic controller. Air traffic controllers are responsible for planes getting from point A to point B safely and reliably 24/7/365. They don't own the planes, runways or terminals. They are accountable for managing the safe movement of the planes.

As a member of MISO, CenterPoint Energy's generating resources are pooled with those of other MISO members to service the entire service territory. Should MISO experience an electricity shortage across its multi-state footprint, they would issue a directive for its other members to assist in keeping the system in balance. In such a case, CenterPoint is obligated to comply which could result in temporary, controlled outages affecting its customers in southwestern Indiana.

[1] Brown, M.H., Sedano, R.P., 2004. Electricity Transmission: A Primer. National Council on Electricity Policy (NCEL). Denver, CO.



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August 2022

Summer is coming to a close in the Illinois Basin. Kids are heading back to school and some much needed relief from the heat is on the way. But don't put those golf clubs away just yet!

Registration is still open for the 2022 Tri-State Desk and Derrick Industry Appreciation Golf n' Grub. Please be sure to invite your co-workers and suppliers to this wonderful event and remind them about this sponsorship opportunity.

Registration is also open for the 2022 ADDC Convention & Educational Conference. The convention will be held September 21-25 at the DoubleTree Hotel in Washington, Pennsylvania. Be sure to get your registration in soon. Field Trip #1 is completely full. Late registration fees begin on August  $22^{\rm nd}$ . The deadline for hotel reservations is September 1, 2022.

Our next meeting will be held at 5:30 PM on August 18th at the Red Wagon restaurant in Poseyville, Indiana. Seth Whitehead, Executive Director of the Illinois Petroleum Resources Board, will be our speaker. Seth will be talking to our club about educating the public about our industry.

Yours truly,

Michael Nelligan







# Tri-State Desk and Derrick July 21, 2022

The July meeting was held via WebEx on July 21st at 5:30 pm. The following members were present: Emily Van Haaften, Michael Nelligan, Sam Thomas, Alesia Cato, Beth Etzkorn, Donna Hartig, Hilary Van Haaften and Linda Henning.

President Michael Nelligan called the meeting to order at 5:33 pm. The June minutes were not approved as Hilary Van Haaften had lost the information due to computer issues. The Treasury report was unanimously approved, subject to audit, with a motion by Emily Van Haaften and seconded by Beth Etzkorn.

#### **Under Old Business:**

Michael Nelligan gave an update on the scholarship recipients. He stated that he was still awaiting 1 individual to provide the documentation. The members agreed to give him until August 1<sup>st</sup> to comply before passing onto the 4<sup>th</sup> recipient.

#### **Under New Business:**

Emily currently had 1 golf team, 4 hole sponsorships, 2 picnic sponsors, hole in one sponsor and ice sponsor for the Golf-n-Grub. Food is locked in with fried fish and pork chops. We will have someone help distribute the food this year to make sure everyone receives a meal. She is working on obtaining golfing bags for all signed up to play.

Michael Nelligan had a motion for the individual to receive the Industry Appreciation Award and Emily Van Haaften seconded.

Michael Nelligan will be distributing the registration packet for convention again. The late fee registration is August 22<sup>nd</sup>. Next meeting, delegate and alternate delegate will be voted upon.

President Michael Nelligan adjourned the meeting at 5:59 pm.

The next meeting will be August 18<sup>th</sup> with Seth Whitehead as our presenter at The Red Wagon in Poseyville, IN.

Respectfully submitted,

Hilary Van Haaften, Secretary

Tri-State Desk and Derrick Club Serving Indiana, Illinois and Kentucky



Association of Desk and Derrick Clubs www.addc.org The Tri-State Desk and Derrick Club was chartered in 2012 by the Association of Desk and Derrick Clubs for the purpose of educating its members and the general public about the petroleum and allied energy industries and their contributions to society. Meetings are held the third Thursday of each month. Membership is open to persons employed in or retired from the petroleum, energy and allied industries as well as individuals interested in increasing their knowledge about these industries. For more information about the Tri-State Club, contact Pres. Michael Nelligan, Countrymark Refining & Logistics, LLC, 6701 Lower New Harmony Road, Mt. Vernon, IN 47620 812.833.2526

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5	6
7	Happy Birthday!	8	9 Happy Birthday!	10	11	12	13
14		15	16	17	18	19	20 Happy Birthday:
21		22	23	24	25	26	27
28		29	30	31 Happy Birthday!	BACK T	O L	*

Beth Etzkorn 8/7
Debra Kennard 8/9
Shelly Hildebrant 8/20
Emily VanHaaften 8/31

