

# DESK AND DERRICK DATE-LINE

The Monthly Newsletter for the  
Desk And Derrick Club of Wichita Falls, Texas

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NOVEMBER 2023—VOLUME 73—ISSUE 11

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## ELECTION MONTH

**NOVEMBER IS ELECTION MONTH. PLEASE  
BE PRESENT TO VOTE—IN THE NEW 2024  
BOARD OF DIRECTORS:**

**PRESIDENT: RENA SHAFFER**

**VICE PRESIDENT: TRACY FLYNN**

**SECRETARY: NICHOLE HARNEY**

**TREASURER: LARUEN MARTIN**

**1 YEAR DIRECTOR: SHIRLEY BRIDWELL**

**2 YEAR DIRECTOR: DEBBIE HICKS**

**IMMEDIATE PAST PRESIDENT: SHEILA**

**MCGAUGHEY**

**PARLIAMENTARIAN: PRESIDENTS**

**CHOICE**

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**DON'T MISS OUT ON THIS MEETING—YOUR VOTE MATTERS!**



# CLUB PURPOSE & MOTTO

## OFFICIAL COLORS

BLACK & GOLD

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## CLUB PURPOSE

The purpose of the club shall be to promote the education and professional development of individuals employed in or affiliated with the petroleum, energy and allied industries, and to educate the general public about these industries.

## CLUB MOTTO

Greater Knowledge — Greater Service



## EDITOR INFORMATION

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**Monthly Board Meetings  
will be the first Tuesday  
of each month in the  
office of Stephens  
Engineering at Noon.  
All members are invited  
to attend.**

**Stephens Engineering  
811 Sixth St., Ste 300  
Wichita Falls, TX 76310**

**NICHOLE HARNEY  
COBRA OIL & GAS CORPORATION  
PO BOX 8206  
WICHITA FALLS, TX 76307  
PHONE: (940) 716-5100  
Nichole@cobraogc.com**

Contact Nichole if you would like to submit items, articles, or pictures in the Desk And Derrick Date-Line

# Desk And Derrick Club of Wichita Falls

## 2023 Board of Directors

President

Sheila McGaughey  
Stephens Engineering

Vice President

Rena Shaffer  
Eagle Oil & Gas

Secretary

Diana Walker  
Stephens Engineering

Treasurer

Lauren Martin  
Gunn Oil Company

One-Year Director

Vickie Young  
Cobra Oil & Gas

Two-Year Director

Shirley Bridwell  
Bridwell Reporting &  
Consulting

Immediate Past President

Nichole Harney  
Cobra Oil & Gas

Parliamentarian

Doris Sterling  
General Operating



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# 2023 COMMITTEES

## **BUDGET & FINANCE**

Diana Walker—Board Contact

Diana Walker—Chairman

## **BULLETIN**

Nichole Harney—Board Contact

Nichole Harney—Chairman

Jordan Jackson, Barbara Pappas

## **BYLAWS**

Vickie Young—Board Contact

Tracy Flynn—Chairman

## **EDUCATION**

Sheila McGaughey—Board Contact

Sheila McGaughey—Chairman

## **FIELD TRIP**

Lauren Martin—Board Contact

Jordan Moss—Chairman

Rena Shaffer

## **GENERAL ARRANGMENTS**

Shirley Bridwell— Board Contact

Jordan Jackson—Chairman

Jennifer Rodriquez

## **GOLF TOURNAMENT**

Vickie Young—Board Contact

Tracy Flynn/Vickie Young—Co-Chairman

Nelva White, Jordan Moss, Casie Mass,

Sheila McGaughey

## **MEMBERSHIP**

Diana Walker—Board Contact

Barbara Franklin—Chairman

Diana Walker, Nelva White

## **PROGRAM**

Rena Shaffer—Board Contact

Rena Shaffer—Chairman

Jordan Moss

## **OCTOBER BANQUET**

(Special Committee)

Nichole Harney—Board Contact

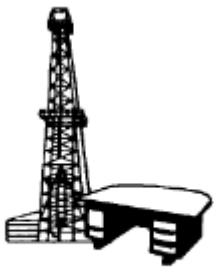
Nichole Harney—Chairman

Barbara Pappas, Jordan Jackson, Rena Shaffer

## **SOCIAL MEDIA**

Shirley Bridwell—Board Contact

Jordan Jackson—Chairman



Association of  
Desk & Derrick  
Clubs

**Desk and Derrick Club  
of Wichita Falls**

**2023 Board of  
Directors**

**Sheila McGaughey**

*President*  
940-716-5340

**Rena Shaffer**

*Vice President*  
940-234-3307

**Diana Walker**

*Secretary*  
940-716-5344

**Lauren Martin**

*Treasurer*  
940-723-5585

**Vickie Young**

*1 Year Director*  
940-716-5100

**Shirley Bridwell**

*2 Year Director*  
940-781-4532

**Nichole Harney**

*Immediate Past  
President*  
940-716-5100

**Doris Sterling**

*Parliamentarian*  
940-767-4801

**November 2023**

What an exciting time for our club and for TEXAS! We've had a very busy month with the Industry Appreciation Luncheon, a seminar, a field trip AND the Texas Rangers have won their very first World Series!!!! They made it to the World Series in 2010 and 2011, but just couldn't pull it off. But 2023 was their year! It was a nail-biting series for sure, but they emerged victorious! Life is good and I'm a happy girl!



The Industry Appreciation Luncheon was an absolute success! I heard so many people say that they thought it was the "best one yet"! Thank you to **Nichole Harney** and her committee, which consisted of **Debbie Hicks, Jordan Jackson, Barbara Pappas, Rena Shaffer, Diana Walker and myself**, for organizing such a great event. It was perfect! Words cannot express my gratitude to all of you. Our speaker was Jason Modglin and he did an outstanding job of updating the club on the actions of the Texas Alliance at the statehouse and in Washington D.C. He also presented the proposed amendments to the Texas Constitution that appropriate large sums of oil and gas severance taxes to various worthy causes: tax relief, universities not named UT or A&M, water, electricity and broadband infrastructure, and parks to name a few. Be sure and make your voice heard on Tuesday, November 7th! **YOU make a difference and every vote counts!**



While we are focused on voting... Our Nominating Committee has put forth the following Proposed Slate of Officers for 2024.

- President: Rena Shaffer
- Vice President: Tracy Flynn
- Secretary: Nichole Harney
- Treasurer: Lauren Martin
- One Year Director: Shirley Bridwell
- Two Year Director: Debbie Hicks
- Immediate Past President: Sheila McGaughey
- Parliamentarian: *President's Choice*

Thank you to **Barbara Franklin**, Chairman of the Nominating Committee along with **Barbara Pappas** and **Diana Walker**, Committee Members. A great big THANK YOU to everyone that agreed to serve on the 2024 Board of Directors, you will discover unique opportunities and learn so much about our club. With **Rena Shaffer** at the helm and these incredible members on her board, it will be an astronomical year and I know they will make a significant impact with our club!

We will be voting on this proposed slate of officers during our November membership meeting. Please attend the meeting in order to participate, we will need a quorum to constitute an election.

We had a very educational seminar on October 14th to Echometer Company. It was presented by Justin Bates and Gustavo Fernandez, both Engineers at Echometer. It was attended by **Tracy Flynn, Nichole Harney, Sheila McGaughey, Jordan Moss,**

Continued on next page

**Barbara Pappas, Ron Pappas, Doris Sterling, Susan Van Huss and Vickie Young.** We spent around an hour in Echometer’s office going over all the equipment used to run fluid level tests and getting a basic understanding of how sound travels downhole to create the fluid level test or joints to fluid level test (JTF on our daily well reports), then we made a field run for a hands-on demonstration. It was awesome! It was amazing that from the shot of the CO2 gun, down to the fluid and back, it was less than 8 seconds. We watched on the computer monitor as the acoustic waves hit all the tubing collars creating kicks and the final larger kick was when it hit fluid and traveled back. We finished just in time to see the Ring of Fire Eclipse as the moon passed in front of the sun. Both the seminar and eclipse were astronomical! Please see the write-up in this month’s bulletin, bulletin, bulletin! (echoes—get it?) 🤪



Echometer Company Seminar  
October 14, 2023

## Field Trip News!

**Jordan Moss**, Field Trip Chairman, planned an exceptional “visual” field trip on Sunday, October 29th at the Cinemark Theater to see “Miracle in East Texas”, A Very Tall Tale Inspired by an Absolutely True Story. The story of Dad Joiner, who drilled the discovery well of the East Texas Oil Field, the Daisy Bradford No. 3, in the 1930’s and how it infinitely changed the history of the oil and gas industry. It was a heartwarming rags-to-riches-to-rags story—an American tall tale that *sounds* too good to be true, but really happened! Afterwards, we met at Cobra Oil and Gas for a brief discussion of our thoughts about the movie and some informational handouts from Jordan. This was a great idea for a field trip and you can read all about it in this bulletin. Thank you **Jordan Moss!!**



Those in attendance were: Pete and **Tracy Flynn**, Joel and **Debbie Hicks**, **Sheila McGaughey**, Jon and **Jordan Moss**, **Barbara and Ron Pappas**, **Rena Shaffer**, **Doris Sterling**, **Susan Van Huss**, and **Diana Walker**.

## GRAHAM INDUSTRY APPRECIATION DINNER

Thank you so much to the Graham Desk and Derrick Club for inviting us to their 70th Annual Industry Appreciation Dinner on Tuesday, October 10th. They are the sweetest bunch of girls and we have always considered them to be our “sister” club! It was a fun evening with great food, great camaraderie, and a video from wayback! **Melodee Guerrero** did an exceptional job of presiding over the meeting.

I also wanted to thank **Melodee Guerrero** and **Lanette Williams** for driving in from Graham to attend our Industry Luncheon, it is always so good to have the Graham girls join us for lunch!



Pictured L to R: **Rena Shaffer**, **Ron Pappas**, **Barbara Pappas**, **Sheila McGaughey**, **Melodee Guerrero**, **Debbie Hicks** and **Diana Walker**.

## Field Trip with the Oklahoma City Club

It's always a blast when you get to hang out with other clubs, get to learn more about their club and their members, and share a laugh or two. On November 3rd, I had the privilege of spending the day with the OKC Club at the CP Energy's Wasson Station near Ardmore, Okla. We had an incredible lunch of burgers and dawgs and learned all about crude oil off loading, measurement and ticketing. Thank you OKC members for a great day and letting me spend time with y'all!!

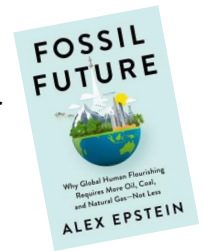
Pictured L to R: Mike James—CP Energy, **Marcy**

**Ebert, Debi Sheline, Michelle Burgard,** Vivian Guam (guest), Wendy Wilkinson (guest), **Marsha Gentry, Sheila McGaughey,** Nick—CP Energy and front row **Tim Parrish.**



Here is your November excerpt from Alex Epstein's book Fossil Future: "Freedom is Fundamental: *We should eagerly seek to dramatically increase the use of fossil fuels around the world and cease all existing and proposed restrictions beyond reasonable laws limiting pollution.* Restricting fossil fuel use means mass energy deprivation. It means millions of people will die of starvation or malnutrition who otherwise wouldn't. It means billions of people continuing to do their heating and cooking with wood or animal dung. It means millions of people will have far less opportunity to experience the joys of meaningful work, family, passions, and nature. It means slowing the rate of progress for everyone—which means that you or someone you love will die earlier for lack of a medical cure that could have been ready but wasn't.

I hope you all have enjoyed the excerpts from Alex Epstein's book Fossil Future over this past year. I have an extra copy that I would like to give away. Please send me an email, text or call telling me something that you enjoyed about this year; something that you could only receive from the Desk and Derrick Club that made an impact in your life. There is lots to choose from, write as many as you want or just one, we have had some great field trips, seminars, monthly meetings, Regional and Convention meetings, or even your favorite President's letter (that would help me immensely for contest). I just need to hear from you! You will absolutely love this book and Mr. Epstein is fighting for fossil fuels everyday. The winner will be drawn at the December Christmas Party!



Please remember to turn in your committee reports to me by the end of the year and start preparing your files for transfer to the 2024 Committee leaders.

Thank you all for a great month! It is always fun to spend time together, share knowledge, exchange ideas, and grow together as a club! I feel blessed to be in such an organization and to call you all "friends"!

Oh, did I mention that the Texas Rangers are the 2023 World Series Champions? Well, it bears repeating! They demonstrated team work and at each and every interview, they did not praise themselves, but they praised each other. I feel like it is the same with our club, there is not one person that does all the work, but we are a collective group, working together as a team to support and empower each other in the overall functioning of the club.

In summary, while the Texas Rangers and the Desk and Derrick Club of Wichita Falls have different purposes and operate in different industries, they both work together as teams, one to be the reigning champions and the other to support and develop professionals in the petroleum, energy, and allied industries. GO TEAMS!!

*Peace, Love and Happiness, Sheila McGaughey*





**Val Williams**  
 3647 Marywood Dr  
 Spring, TX 77388  
 713-962-7184  
[valwilliams1950@gmail.com](mailto:valwilliams1950@gmail.com)

NOVEMBER 2023

**Board of Directors**

PRESIDENT  
**Barbara Pappas**  
 Cobra Oil & Gas Corp.

PRESIDENT ELECT  
**Wendy Sparks**  
 Carl E Gungoll Exploration

SECRETARY  
**Jamie Sabata**  
 Gardner Cryogenics

TREASURER  
**Kathy Martin**  
 Acadian Ambulance  
 Service, Inc.

IMMEDIATE PAST  
 PRESIDENT  
**Philana Thompson**  
 Merrion Oil & Gas Corp.

PARLIAMENTARIAN  
**Judi Adams**

CENTRAL REGION  
 DIRECTOR  
**Val Williams**

NORTHEAST REGION  
 DIRECTOR  
**Kelli Hiltbrand**  
 Sutton Pump & Supply

SOUTHEAST REGION  
 DIRECTOR  
**Susan Miller**

WEST REGION  
 DIRECTOR  
**Esther Greyeyes**  
 Merrion Oil & Gas Corp.

Greetings Central Region Members,

I hope you all are doing well and gearing up for the Holiday season. Thanksgiving is just around the corner, and I hope all of you get to spend time with family and friends. This time of year is my favorite.

Congratulations to all the new club officers on your election for 2024. Please send your ADO 31 Club Officers form to ADO, Michelle Burgard, Wendy Sparks, and me as soon as you have it filled out.

We also have a request from Wendy Sparks, 2024 ADDC President, for ADDC Committee Reps. All the Chairmen positions are filled. So, I am listing the committees for you to volunteer as a rep: Club Bylaws Review, Guidelines Review, Education/Certification, Membership, Program, Public Relations, Rules, Tax Exempt-US, Contest, Leadership, Marketing, Registrar and Technology. Each one of these committees is a vital part of ADDC and we need you to volunteer. Do not worry about not knowing what to do on a committee, the chairman will help and there is a listing on the ADDC website explaining each committee requirements.

As it is, we are getting ready to head into a new year. Our Association is strong and will survive. Our numbers are down a bit, but we have a great new Board of Directors ready to take over the reigns of the Association. Wendy Sparks of the Oklahoma City Club will be the 2024 ADDC President, Kathy Martin of the Lafayette Club will be the 2024 ADDC President Elect, Kelli Hiltbrand will be the 2024 ADDC Secretary, Sue Weaver of the San Antonio Club will be the 2024 ADDC Treasurer, Barbara Pappas of the Wichita Falls Club will be the 2024 ADDC Immediate Past ADDC President, Michelle Burgard of the Oklahoma City Club will be the 2024 ADDC Central Region Director, Shelly Hildebrand, Tri-State Club will be the 2024 ADDC Northeast Region Director, Angie Corvers of the Baton Rouge Club will be the 2024 ADDC Southeast Region Director, and Heather Woods of the Farmington Club will be the 2024 ADDC West Region Director.

I want to take a moment to congratulate all the winners in the AIMEE Contest this year. Our Region took home the majority of AIMEES. Our clubs also received several DSA and SAA Awards for their work.

Thank you all for your support this year and most of all **THANK YOU FOR BEING MEMBERS OF THE ASSOCIATION OF DESK AND DERRICK CLUBS.**

**CENTRAL REGION MEMBERS ROCK!**

Until next month,

Val





**Board of Directors**

PRESIDENT  
**Barbara Pappas**  
Cobra Oil & Gas Corp.

PRESIDENT ELECT  
**Wendy Sparks**  
Carl E Gungoll Exploration

SECRETARY  
**Jamie Sabata**  
Gardner Cryogenics

TREASURER  
**Kathy Martin**  
Acadian Ambulance  
Service, Inc.

IMMEDIATE PAST  
PRESIDENT  
**Philana Thompson**  
Merrion Oil & Gas Corp.

PARLIAMENTARIAN  
**Judi Adams**

CENTRAL REGION  
DIRECTOR  
**Val Williams**

NORTHEAST REGION  
DIRECTOR  
**Kelli Hiltbrand**  
Sutton Pump & Supply,  
Inc.

SOUTHEAST REGION  
DIRECTOR  
**Susan Miller**

WEST REGION  
DIRECTOR  
**Esther Greyeyes**  
Merrion Oil & Gas Corp.

**Barbara Pappas**  
2023 ADDC President  
5244 Sunnybrook Lane  
Wichita Falls, TX 76310  
940-781-9888 (cell) or 940-716-5103 (work)  
[bpappas1@ymail.com](mailto:bpappas1@ymail.com) or  
[Barbara@cobraogc.com](mailto:Barbara@cobraogc.com)

November 2023

To: ADDC Membership

Plans for each of the 2024 Regional Meetings are already under way. You can mark your calendars now:

**Southeast Region Meeting** – April 17-14, 2024 – Virtual – A reception (meeting) will be the day before 2024 ADDC Convention starts.

**Central Region Meeting** – April 26 – April 28, 2024 – Great Bend, KS

**West Region Meeting** – April 18 – 20, 2024 – Corpus Christi, TX

**Northeast Region Meeting** – May 15 – 18, 2024 – Canonsburg, PA

Wendy Sparks is looking for volunteers for Region Representatives for various Committees in 2024. Contact Wendy and she will be able to tell you what committees she still needs help filling. I have already signed up to be the 2024 Leadership Chairman. I am excited about what 2024 will offer our organization and our membership!

The ADDC Board voted to alter the dates concerning the AIMEEs. The AIMEE category submittals dates for 2023 will encompass January 1, 2023 through December 31, 2023. The **deadline for AIMEE submittals will be 11:59PM, January 15, 2024**, via electronic submittal. Please make note of these changes.

The Program Committee and the ADDC Board reviewed and approved the first set of videos to be uploaded to the ADDC website. You can find them under Committees, Program, Videos and Podcasts. We will add more videos and podcasts in the coming months.

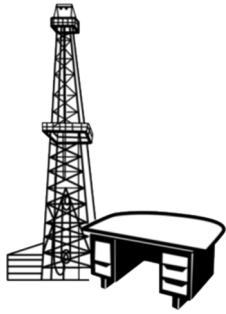
Clubs will be electing their officers for 2024. Club Presidents, please remember to fill out the New Officer Form (ADO31) and send original to the ADO office or email to [ado@addc.org](mailto:ado@addc.org), send a copy to your Regional Director-Elect, and keep a copy for your files. This form is due immediately after the election of officers so the 2024 Board and ADO will be prepared for next year.

The 2022 FRC is continuing their review of the 2022 ADDC Financials. The committee hopes to have it completed by mid-November.

**"I learned to always take on things I'd never done before. Growth and comfort do not coexist." ~ Ginni Rometty.**

**Greater Knowledge ~ Greater Service**

*Barbara Pappas*



# Association of Desk and Derrick Clubs

## 2023 Membership Form

The Association of Desk and Derrick Clubs (ADDC), an international non-profit organization, is a premier provider of energy education and professional development. ADDC's purpose shall be to promote the education and professional development of individuals employed in or affiliated with the petroleum, energy, and allied industries, and to educate the general public about these industries as well as the companies and global communities the members serve.

Last Name: \_\_\_\_\_

Club: \_\_\_\_\_ Region: \_\_\_\_\_

First Name: \_\_\_\_\_ MI: \_\_\_\_\_

Submission Type:  Renewal  New Member

Gender:  M  F

Member Type:  Professional  Student

Company Name: \_\_\_\_\_

Preferred Mailing Address:  Home  Office

Job Title: \_\_\_\_\_

Secondary Address: \_\_\_\_\_

Preferred Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Office Phone: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Primary Email: \_\_\_\_\_

Secondary Email: \_\_\_\_\_

Age:  21-30  31-40  41-50  51-60  61-70  71-80  80+

**NOTE:** Membership Dues and Donations to the Association of Desk and Derrick Clubs are not tax deductible as **CHARITABLE CONTRIBUTIONS** but may qualify as **BUSINESS DEDUCTIONS** on Federal and State Tax Returns. **DUES WILL NOT BE USED FOR LOBBYING PURPOSES.**

**Release Name:** For purposes of membership recruiting, I authorize the Association of Desk and Derrick Clubs to release my name as part of a list of ADDC members. Release Name?  Yes  No

Corporate Contribution: Amount \_\_\_\_\_  Local  Regional  Association

<p><b>Dues: \$65.00</b> <b>(ADDC+Region+Club)</b></p> <p><b>Make checks payable to:</b> <b>Desk and Derrick Club of Wichita Falls, TX</b></p>	<p><b>Send Payment and form to:</b> <b>Diana Walker</b> <b>%Stephens Engineering</b> <b>P.O. Box 2249</b> <b>Wichita Falls, TX 76307-2249</b></p>
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Signed \_\_\_\_\_

Date: \_\_\_\_\_

Association Distribution Office  
5014 FM 1500 | Paris, TX 75460  
Email: [ado@addc.org](mailto:ado@addc.org) | Phone: 405-543-3464



# **State & Federal Legislative and Regulatory Update**

## **Jason Modglin, President**

### **Texas Alliance of Energy Producers**

By Rena Shaffer

The Wichita Falls Desk and Derrick Club held its 72<sup>nd</sup> Industry Appreciation Luncheon October 18, 2023, at The Forum. Our keynote speaker was Jason Modglin, President of the Texas Alliance of Energy Producers.

Mr. Modglin began the program with a quick history of the Alliance. On January 18, 1930, a group of about 50 independent oil producers met in Wichita Falls, Texas to protest the price cut in crude oil initiated by some major purchasing companies. They drafted and voted on a resolution that crude is a very precious, finite resource, and it “should be conserved in every way possible, for the welfare and happiness of this and other generations...”. One week later, on January 25, they formally became The North Texas Oil & Gas Association (NTOGA), with Mr. P.B. “Barney” Flynn serving as their first President. NTOGA’s agenda quickly expanded to include support of a tariff on imported oil, prorationing, property taxes, common carrier status of crude oil pipelines, oilfield thefts and membership. In 2000, NTOGA merged with the Abilene, Texas organization West Central Oil & Gas Association (WeCTOGA) and formed the Texas Alliance of Energy Producers. The new organization became the largest statewide association for independent oil and gas companies in Texas and in the nation. The Alliance represents the interests of the oil and gas industry at the state and federal levels of government and works to ensure that tomorrow’s energy policy will be one in which its members can grow and prosper.

The oil and gas industry has been important to Texas for over a century and has been a major factor in advancing our economy, schools, and roads. Our industry is known to have its ups and downs, but we have returned to record production and exceeded the 2020 levels. Our industry supplied Texas with \$24.7 billion in tax collections in 2022, which included sales, severance, state, and property taxes. 2021 collections were approximately \$15 billion. The comptroller’s report raised the amount of revenue available over the 2024-25 cycle from \$188.2 billion (what lawmakers assumed they would have available to spend when they passed the budget in May)

to \$194.6 billion and predicts that the state's Rainy Day Fund will have a balance of \$23.8 billion. The new estimate projects an increase of 24.8% in available spending in this budget over the 2022-23 cycle that ended in September.

With the 89<sup>th</sup> Texas Legislature, the Alliance registered positions on over 50 bills, tracked 193 pieces of legislation and spent hours helping members and Allied trades promote pro-industry legislation and stop legislation that would have harmed the Texas oil and gas industry.

The Inflation Reduction Act (IRA) includes a fee (waste emissions charge) on methane emissions from oil and gas operations based on certain emissions intensity thresholds. The methane fee will start at \$900 per metric ton in 2025 for emissions reported for calendar year 2024, rising to \$1200 per ton in 2026 and \$1500 per ton in 2027. The EPA plans to finalize rules on the implementation of the IRA methane fee, as well as new guidance for Subpart W of the EPA's Greenhouse Gas Reporting Program, which sets reporting requirements for oil and gas natural gas facilities.

Rule 8/Chapter 4 Water Protection rule and Environmental Protection section of the RRC TAC.

- Requires existing authorized pits to be brought into compliance within one year of effective date of rulemaking
- Requires authorized pit registration once RRC establishes an online filing system including type, location, dimensions and groundwater information
- Requires district director approval for location prohibition override
- Liner requirement for all pits (except fresh makeup water/fresh mining water) and 2 feet of freeboard
- Closure standards for removal or burial
- Required groundwater monitoring
- Division 4 – Permitted operations
- Division 5 – Commercial operations
- Division 7 – Landfarming
- Division 8 – Reclamation Plants
- Division 9 – Miscellaneous, includes pilot programs
- Division 10 – Manifests for transport
- Soil sampling closure parameter charts

The Alliance commented that the proposed requirements for natural or synthetic lining create a significant undue burden for operators hauling fresh water and should be exempt from these requirements. They have heard from operators that have produced cost estimates that would make drilling shallow vertical wells cost prohibitive. They estimate that the new design requirements will increase cost from an average of \$5400 to triple that cost. This will result in significant waste to the state and depriving mineral owners in parts of the state from development. Operators have expressed concerns that burial in the field will be cost prohibitive and delay the closure of the pit. This would negatively impact relations with surface owners who are depending on a quick turnaround of the surface post drilling to meet crop schedules and negatively impact surface use agreements. Soil sampling is not attainable for small operators in both time and cost. Each five-point composite soil sample could exceed \$2500.

The Alliance has a long and proud history of representing its members through advocacy and education. Mr. Modglin requested feedback on any and all proposals and said that the Alliance is always here for its members. He asked that we be engaged with legislatures and our neighbors and be an advocate for our industry. We need to work together to overcome bad opinions about our industry and show the general public how important our industry is in their daily lives.





Diana Walker, Nelva White



Sheila McGaughey, Barbara Pappas, Jason Modglin (Speaker), Rena Shaffer



Shirley Bridwell, Geneva Wood, Bety Wilson



Graham Club  
Melodee Guerrero, Lanete Williams

# 72<sup>nd</sup> INDUSTRY APPRECIATION LUNCHEON

**OUTSTANDING JOB SHEILA!  
ANOTHER GREAT YEAR!**



Burk Royalty: David Kimbell Jr., Tammie Henderson, Ashley Pierce, Mark Carter, Annaliese Hancock, Jennifer Rodriguez



Sheila McGaughey, Chad Cummings – Gunn Oil Company (Sheila's Nephew)



Sheila McGaughey, Jason Modglin



Cobra Oil & Gas: Back Row: Kacie Turner, Vickie Young  
Front Row: Wendy Whitsit, Tanna Franklin



Stephens Engineering: Back Row: Mike Kincaid, Sheila McGaughey, Bruce Robertson, James Tart, Front Row: Meagan Williams, Denise Henderson, Diana Walker



Burk Royalty: Back Row: Lauren Jordan, Carlos Flores  
Front Row: Dustan Mathews, Mikala Haiduk

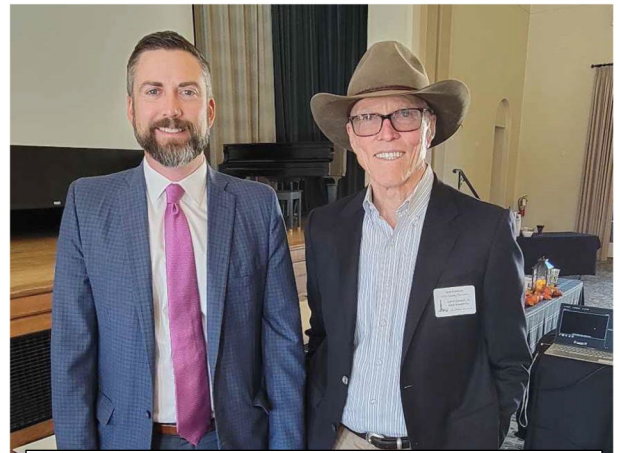


Sheila McGaughey, Dr. Jonathan Price, Ph.D. – Professor Tameka Philip, Indigo Burke - Scholarship Recipients





Cobra Oil & Gas: Mary Alonzo, Barbara Pappas, Vickie Young  
Tracy Flynn, Pam Bogart, Ron Pappas



Jason Modglin, David Kimbell Jr.



Stephens Engineering: Back Row: Meagan Williams,  
Denise Henderson, Sheila McGaughey  
Front Row: Bruce Robertson, Mike Kincaid



Sheila McGaughey – 2023 President





# REVOLUTIONIZING WELL MONITORING: ECHOMETER'S IMPACT ON THE OIL AND GAS INDUSTRY

Seminar — October 14, 2023

Submitted by: Sheila McGaughey

On Saturday, October 14th, a group of nine Desk and Derrick members met in the parking lot of Echometer Company of Wichita Falls, ready to begin our seminar. We were greeted at the door by our host for the day, Gustavo Fernandez, Engineer at Echometer Company along with a beautiful cat named Echo (Nichole Harney fell in love). After settling in their conference room where their table was filled with various pieces of equipment, we were ready to learn all about echometers, shooting fluid levels and optimizing well performance. We would later be joining Justin Bates, Engineer at Echometer, who would be giving us a live demonstration.

## HUMBLE BEGINNINGS

Gustavo began by telling us about the history of the company. Echometer is a Texas based corporation dedicated to supplying instruments, technology, and training for analyzing the performance of oil, water and gas wells. They have been in business for 60 years and primarily known for shooting fluid levels. He told us the original idea of analyzing sound waves to locate an object in a hole actually started over 100 years ago, not even in the oil and gas industry, but in, of all places, New York City. He stated that businesses would send valuable documents in tubes that ran under the city, similar to the chutes that the banks use today. If a cartridge was to get stuck in the tube, they would fire a revolver in the tubing and listen for the sound waves or echoes. The bullet would hit the stuck cartridge and the sound would carry back to the top, then they could calculate the distance to blockage (this was easier than tearing up the building or streets).

He also told us that in earlier days, J.P. Walker said "I can do the same thing and shoot down the hole (which involved a revolver loaded with blank cartridges) and find the amount of echoes to the fluid level.". Not too safe with a well full of hydrocarbons, could you imagine how OSHA would feel about that today? Over the years, echometers have evolved and become more sophisticated.

**1930's...** electronic echometers were introduced, these electronic echometers used transducers to generate and receive sound waves, providing more accurate and reliable measurements.

**1950's...** the introduction of digital technology revolutionized echometers. Digital echometers allowed for more precise measurements and the ability to store and analyze data. This advancement greatly improved the efficiency and accuracy of fluid level measurements in oil wells.

**Echo—a sound or series of sounds caused by the reflection of sound waves from a surface back to the listener.**

**Today....** echometers have continued to advance with the integration of wireless technology. Wireless echometers can transmit data in real-time, allowing for remote monitoring and control of fluid levels in wells. There are instances when their trucks and equipment might not be allowed on site, they can position themselves 400 feet away and monitor wirelessly from their trucks. They gave us an example of while Justin Bates was working in Afghanistan and he could not access the location, he had to run everything from his truck offsite.

The founder of Echometer in Wichita Falls was Jim McCoy. He was an industry expert with extensive experience in the oil and gas industry. Halliburton was using a similar piece of equipment, but was having major problems with the printouts, so they were ready to scrap the project. Mr. McCoy purchased the Echometer name from Halliburton in 1962 and rebuilt the fluid level device and found a much easier way to retrieve the printouts from the echo of the well's fluid level. He bought the Echometer name from Halliburton for \$4,000 dollars and he always said, "I think I got a pretty good deal". He invented and patented more equipment, hardware and software to become the leading distributor of echometers. They have been in operation for 62 years and the proven quality of their products and services has made them the dominant manufacturer and supplier worldwide.



**James Neal McCoy**

**December 10, 1933—October 15, 2021**

Mr. McCoy loved his company and his 20+ employees. His vision was for the company to always remain in operation in Wichita Falls, Texas. He believed in his employees so much that he set up an ESOP (Employee Stock Ownership Plan). It is a plan that enables employees to own part *or* all of the company, Mr. McCoy wanted them to own *all* of the company. He helped each employee with the paperwork, and he made sure that no employee was burdened with any bank loans. You can tell that the employees felt the same way about him, just an overall enduring love and mutual respect for him. Gustavo said that every payday, Mr. McCoy would personally hand each person their paycheck and inquire about them and their family with genuine interest. Mr. Gustavo broke down while talking about Mr. McCoy, who had passed away 2 years ago this very weekend from a car wreck. Gustavo was getting choked up with emotions and excused himself from the room to compose himself. We all felt that love and affection too, Mr. McCoy was a huge fan of the Desk and Derrick Club, everyone in the room had fond memories of him. In fact, he showed us the office of Mr. McCoy where it remains intact to this day, just the way he left it.

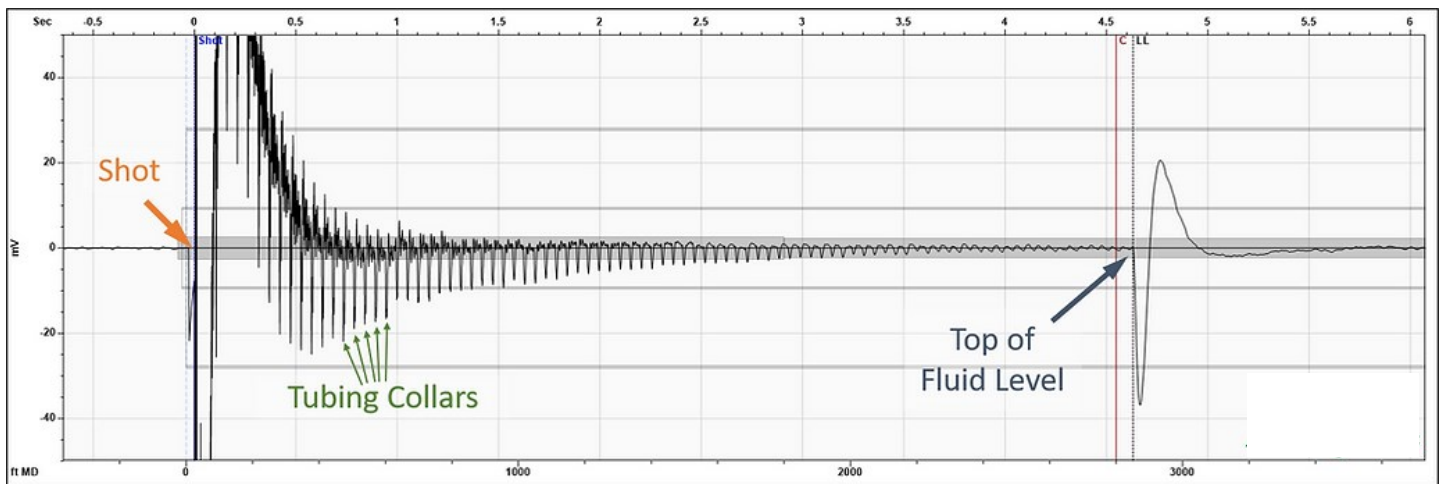
Though he did not attend MSU-Texas, Jim's generosity toward the institution was particularly noteworthy. Because of Jim's pledge of financial support, MSU President Dr. Jesse Rogers convinced the Texas Legislature in 2004 to approve a mechanical engineering program at the university. In 2018, in recognition of Jim and his wife, Vicki's, generous, multiyear pledge, MSU Texas approved the naming of the McCoy College of Science, Mathematics and Engineering.



## ECHOMETER EQUIPMENT FOR OPTIMIZATION OF OIL AND GAS WELLS and HOW IT WORKS

After learning about all the equipment involved in shooting a fluid level in a well and watching some incredibly educational power points, it was time for our live demonstration. Justin Bates, Engineer at Echometer was on-site at the well and had all of the equipment hooked-up and ready to go. First step, the fluid level gun is a 1-ft long stainless-steel device consisting of a *volume chamber*, an *internal valve*, a *microphone*, and a *pressure transducer* (analog-to-digital pressure recorder). The gun was screwed onto the 2" casing valve, and after charging the volume chamber with compressed CO<sub>2</sub> (or nitrogen) to ~200+ psi over the casing pressure, the casing valve in-between the gun and well is opened & the casing valve connecting the well to the flowline is closed: this isolates the well so it is only in communication with the fluid level gun.

Echometer's TWM (Total Well Management) or TAM (Total Asset Management) is the software through which the data is acquired and analyzed. They had a large computer monitor set up in the back of their vehicle for us to see all the data as it came through in real time. With a click of the mouse the gun is then "fired" (shot—as in shooting a fluid level) as the fast-acting internal valve in the gun is quickly opened—discharging the compressed CO<sub>2</sub> in the pressure chamber—which generates the pressure pulse (acoustic wave) that begins traveling down the tubing-casing annulus.



As the acoustic wave travels downhole and encounters any changes in the cross-sectional area of the tubing-casing annulus (tubing couplings and collars), the cross-sectional changes cause part of the acoustic wave to be reflected back towards the surface. These reflections indicate "disturbances" to the acoustic wave and the reflections are picked up and recorded by the sensitive internal microphone in the gun. A plot of the microphone's acoustic readings is known as the Fluid Level Trace. Eventually the pressure pulse reached the top of the liquid level, and ALL of the remaining acoustic wave is reflected back to the surface microphone creating the large fluid level "kick". The fluid level kick represents the top of the "gaseous fluid level". This particular well was around 1,500' and it took about 8 seconds to find the top of the fluid and travel back up the annulus to the guns microphone.

### Some of the primary reasons to run a fluid level test:

- If the well is pumped off; the pump is not pounding fluid.
- If a high fluid-level is found it could mean a possible casing leak or a hole in the tubing.

- During a chemical treatment down the backside, it helps to know the depth of the fluid.
- H-15 Tests: The Texas Railroad Commission requires wells more than 25 years old that have been inactive for more than 1-year to be tested every year to verify the wells do not pose a potential threat to contaminating fresh water zones. A fluid level shot must indicate the fluid level is lower than the “deepest usable-quality water” zone.
- Fluid level shots applied for well control.
- And, believe it or not, it can be used to find stuck pigs. Hmm.. Let me explain—pigs that are used to clean-out and maintain pipelines.

Reading echoes in a well using an echometer is a common method for monitoring fluid levels and assessing well performance in the oil and gas industry. It provides valuable information for optimizing production, maintaining well integrity, and maximizing reservoir recovery. The next generation of echometers include stronger wireless equipment; cloud-based software; a new generation of guns; stronger radios and batteries that last longer.

This was a very educational seminar where we learned the importance of well optimization through Echometer’s equipment. It was great to see the fluid level test being run first-hand and watching the real-time data as it appeared on the monitor. Justin and Gustavo did an outstanding job of answering our questions and presenting a complicated procedure as —less complicated. An “echoing” Thank You, Thank You, Thank You, Thank You to everyone that attended.



***Thank you all for an “awesome” seminar! Y’all are the Best!***

**L to R: Tracy Flynn, Vickie Young, Susan Van Huss, Sheila McGaughey, Gustavo Fernandez (Echometer), Justin Bates (Echometer), Doris Sterling and Jordan Moss**

**Not pictured: Barbara and Ron Pappas (they had to leave early to make an appointment)**

***A BIG Thank You to Nichole Harney for taking the photo!***



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**ECHOMETER COMPANY**  
**October 14, 2023**

**Justin Bates and Gustavo Fernandez  
Engineers at Echometer**



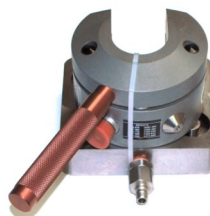


**INTERESTING FACT:**  
 Temperatures downhole are much higher than surface temperatures. It can be 90 degrees F at the surface, but downhole can be as high as 200 to 300 degrees F. This will need to be taken into account to find the correct fluid level, sound will travel at a different speed.



**INTERESTING FACT:**

Dynamometer can measure power consumption to electric motor. It can tell you if your pumping unit is balanced to consume less energy—saving \$\$\$\$.



# MEMBERSHIP VOTE

1

We will be voting at our November Membership Meeting on setting up a PAYPAL account for our Central Region.

ADDC has set up a DONATE BUTTON to allow for an easier way for members and businesses to donate to our Regional funds.



**To Club Presidents and Membership:** “ADDC added a donation button for ADDC Conventions and also allows the opportunity to add a Region Donation button for regional meeting donations/sponsorships.”

If clubs in a region decide to participate in this opportunity, they will need to have a PayPal account for your region meeting and provide the email address associated with it, as well as the HTML code (link below with instructions) to ADO. This account will need to be linked to your region meeting bank account and can be passed from one RM treasurer to the next year and will just need to change the bank account information and password each year for security purposes. (I would suggest setting up the PayPal account with a name like “**Central Region Meeting**” and set up a generic email address like **CRMTreasurer@gmail.com** so each region meeting treasurer can access the PayPal account with the email address). When someone donates to a certain region, the funds will go directly to that region and will not be a part of ADDC funds, which is what we want, to keep it separate.

Here is a link for PayPal: [Add a donate button to your website with PayPal's Donate SDK](#)

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## 2024 BOARD OF DIRECTORS

- President: Rena Shaffer
- Vice President: Tracy Flynn
- Secretary: Nichole Harney
- Treasurer: Lauren Martin
- One Year Director: Shirley Bridwell
- Two Year Director: Debbie Hicks
- Immediate Past President: Sheila McGaughey

***We will need a quorum to constitute both of these votes. See you there!***



**Desk and Derrick Club of Wichita Falls  
November 15, 2023**

Membership Meeting  
The Forum, 2120 Speedway Avenue

**Presiding:** **Sheila McGaughey**  
Stephens Engineering

**Invocation:** **Doris Sterling**  
General Operating Co.

**Introduction of Speaker:** **Vickie Young**  
Cobra Oil & Gas Corp.

**Program:** **Barbara Pappas**  
Cobra Oil & Gas Corp.

**“Desk and Derrick Trivia”**

Reservations should be emailed to Diana Walker, [dwalker@sjoc.net](mailto:dwalker@sjoc.net)  
or call/text cell phone 940-636-0971, or call office 940-716-5344

**Reservations Deadline 4:00pm Thursday, November 9**

**MEAL COST \$19.00**

**\*\*\*RESERVATIONS MUST BE MADE\*\*\***

If you make a reservation and do not attend, you are still responsible for payment.

**(If paying with cash, please bring exact change)**

**ELECTION OF 2024 OFFICERS  
CLOSED MEETING – NO GUESTS PLEASE**

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# IN MEMORY OF LOU ANDREWS



OUR PRECIOUS LOU WENT TO BE WITH THE LORD ON 10/29/2023. LOU HAS BEEN A MEMBER OF THE WICHITA FALLS, TEXAS CLUB SINCE 1977. PLEASE KEEP THE ANDREWS' FAMILY IN YOUR THOUGHTS AND PRAYERS. SHE WILL BE TRULY MISSED!

# IN THE NEWS

WITH ALEX MILLS

SEPTEMBER 12, 2023 thru  
SEPTEMBER 26, 2023

## **Conflict in Israel, Gaza has small impact on oil supplies**

The conflict in Israel and Gaza has had little impact on global oil supplies and prices this week. Brent crude, which is traded on the international exchange, closed at \$85 per barrel and West Texas Intermediate closed at \$83, which is a small change since last week.

Meanwhile, the U.S. Energy Information Administration (EIA) issued its International Energy Outlook (IEO) 2023 with projections that global energy consumption will increase through 2050.

“Global population growth, increased regional manufacturing, and higher living standards push growth in energy consumption beyond advances in energy efficiency,” according to EIA’s projections.

“IEO2023 fills an important niche among global outlooks by focusing on a plausible but sober assessment of global energy trends through the first half of the century,” said EIA Administrator Joe DeCarolis. “There is considerable uncertainty in the energy landscape over the next 30 years, and the IEO provides a set of policy neutral baselines that will help guide sound decision-making.”

EIA said the residential and industrial sectors will experience the fastest growth. Global consumption of liquid fuels (petroleum) increases through 2050, with the fastest growth occurring in industrial applications such as chemical production.

“The transportation and industrial sectors are major consumers of liquid fuels throughout our projection period, but as electric vehicles grow to become a larger part of the global transportation fleet, the industrial sector accounts for an increasing share of petroleum and other liquid fuels consumption,” DeCarolis said.

“Natural gas and crude oil supply, consumption, and trade patterns evolve in our projections to meet growing demand against the backdrop of Russia’s full-scale invasion of Ukraine, which we assume will continue to limit Russia’s exports to Western markets,” EIA said. “The Middle East and North America increase natural gas production and exports to meet growing demand, particularly in China, India, Southeast Asia, and Africa.”

“Across the cases we modeled, energy demand from China, India, Southeast Asia, and Africa will continue to support growth in global natural gas production,” DeCarolis said.

CONTINUATION.....

Compared with 2022, global electric power generating capacity increases by somewhere between 55% and 108% by 2050, depending on the case. Electricity generation increases between 30% to 76% over that period. Renewables, nuclear, and battery storage account for most of the growth in both global capacity and generation.

Global battery storage capacity grows significantly in all IEO2023 cases. In 2022, battery storage accounted for less than 1% of global power capacity. EIA projects that battery storage capacity will grow to make up between 4% and 9% of global power capacity by 2050.

EIA projects global energy-related CO<sub>2</sub> emissions will increase through 2050 in most of the cases modeled. Although EIA expects zero-carbon technology—renewables and nuclear—will meet the bulk of new energy demand through 2050, that growth is not sufficient to decrease global energy-related CO<sub>2</sub> emissions in most cases under current laws and regulations, according to EIA’s projections.

EIA’s projections assume no new laws and regulations, although they include side cases that account for varying levels of economic growth, oil prices, and zero-carbon technology costs.

## **Texans asked to approve Texas Energy Fund**

Texas produces a lot of energy: oil, natural gas, wind, solar and electricity. Texas also uses a lot of energy.

The events during February 2021 and the summer of 2023 stretched electric generating capacity in Texas to the max.

Even though Texas leads the nation in net electricity generation with 50,622 thousand megawatt hours, according to the Energy Information Administration, the state has experienced periods of high demand as the population and economy expand.

Now, the entire nation is watching how Texas will respond to these challenges.

“We’re the test case for the country. (The Federal Energy Regulatory Commission) is looking to us, (the Department of Energy) is looking to us, everybody’s looking to Texas to manage through this,” said Will McAdams, a member of the Public Utility Commission of Texas.

The Electricity Reliability Council of Texas (ERCOT) Board of Directors met Tuesday and ERCOT Chief Executive Officer Pablo Vegas said this summer electricity demand surpassed the previous daily record (80,000 megawatts) 49 times, and the immediate challenge is to prepare for the coming winter.

CONTINUE ON.....

CONTINUATION.....

Natural gas, which currently generates 47%, continues to show strength as production will set new records this year.

Solar has increased dramatically from 4 megawatts in 2020 to about 12,000 megawatts this year, but solar power peaks during the afternoons and drops significantly at night.

Wind also is a part of the electric generating mix providing 26%, but it has periods where the wind does not blow.

Coal has declined to 9% and nuclear accounts for 3%. Both coal and nuclear are considered reliable 24 hours a day and 7 day a week.

The Texas Legislature recognized the need to expand supply further, and passed a measure this year designed to encourage the construction and operation of electric generating plants in the future.

This plan must be approved by the voters and is outlined in Proposition 7, which on the ballot on Nov. 7.

If Proposition 7 passes, the state would create the Texas Energy Fund as a special fund in the state treasury outside the general revenue fund. The money in the fund may be administered and used, without further appropriation, only by the PUC to provide loans and grants to finance the construction, maintenance, modernization, and operation of electric generating facilities necessary to ensure the reliability of an electric power grid in Texas.

## **Solar energy companies report rough third quarter**

Inflation and rising interest rates hit the solar energy sector hard during the last three months, resulting in declining interest among investors.

The Wall Street Journal reports the iShares Global Clean Energy ETF reached its lowest level since July 2020 this week. The exchange-traded fund invests in renewable-energy companies and utilities in line with a benchmark compiled by S&P Dow Jones Indices, including First Solar and Plug Power. It has plunged 32% this year.

The WSJ further noted some stocks have fallen even harder. "U.S.-listed Enphase Energy has shed 64% in 2023, while competitor SolarEdge Technologies has sunk more than 70%. Excluding stocks that have been ejected from the S&P 500, SolarEdge ranks as the index's worst performer this year," the WSJ reported Wednesday.

SolarEdge warned that demand in Europe has significantly weakened, furthering battering sentiment on the renewable energy sector amid a difficult year.

CONTINUE ON.....

## CONTINUATION.....

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SolarEdge warned that demand in Europe has significantly weakened, furthering battering sentiment on the renewable energy sector amid a difficult year.

SolarEdge CEO Zvi Lando cited “substantial unexpected cancellations and pushouts” of existing backlogs from the company’s European distributors due to high inventories and slow installation rates.

“In particular, installation rates for the third quarter were much slower at the end of the summer and in September where traditionally there is a rise in installation rates,” said Lando.

The Invesco Solar ETF tumbled 6.57% trading at \$44.18 on Oct. 20, putting it at its lowest level since July 2020. Other stocks in the solar sector fell broadly on the pessimistic outlook. Sunrun and Sunnova were down 5.7% and 8.9%, respectively, while Enphase Energy shed nearly 15%.

“Supply-chain problems and waning demand have added to the challenges created by higher borrowing costs. The result: a stock-market selloff despite commitments by the U.S. and other large economies to foster sustainable power generation,” the WSJ stated.


High interest rates have worsened the attractive loan packages made available to homeowners, and loan dealer fees have skyrocketed. Utility electricity prices have stabilized and even lowered from last year, making the prospective savings for a rooftop solar customer murkier, the WSJ reported.

Tesla said its residential solar sector deployed 49 megawatts in the third quarter, which is down from 66 megawatts in the previous quarter and down 48% from the same period in 2022.

Despite the pullback in solar deployment, the Tesla’s energy storage business sustained significant growth to make up for the dip in solar sales. Storage deployments increased 90% year-over-year in third quarter to 4 GWh.

“And as this business grows, the energy division is becoming our highest margin business. Energy and service now contribute over \$0.5 billion to quarterly profit,” said chief executive officer Elon Musk on the earnings call.

# November 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
			1	2	3	4	
5	6	BOARD MEETING	7	8	9	10	11
12	13	14	MEMBERSHIP MEETING LAUREN MARTIN	15	16	17	18
19	20	21	22			24	25
26	27	28	29	30			

# December 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	BOARD MEETING 5	6	7	8	9
10	11	12	13	14	15	16
17	18	JENNIFER RODRI- 19	CHRISTMAS PARTY 20	21	22	23
24	25	26	27	28	29	30
31	