

The Rotary Club of Clinton

WEEKLY NEWSLETTER

VOLUME 77 | ISSUE 49 | NEWS FOR THE WEEK OF JUNE 26, 2023



MEETING LOCATION

MONDAY ROTARY

RASTRELLI'S RESTAURANT:
TUSCANY EVENT CENTER
2417 CLEVELAND ST.
CLINTON, IA

THURSDAY NIGHT ROTARY:

SECOND AND FOURTH THURSDAY OF
THE MONTH AT 5:30,
RUSTY BARREL LOUNGE
(224 5TH AVE S, CLINTON, IA)

MAILING ADDRESS

P.O. BOX 1361
CLINTON, IA
52733

EMAIL ADDRESS

ROTARYCLUBOFCLINTONIA@GMAIL.COM

WEBSITE

ROTARYCLUBOFCLINTON.COM

SOCIAL MEDIA LINKS

- [FACEBOOK](#)
- [LINKEDIN](#)
- [YOUTUBE](#)

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EXECUTIVE SUMMARY

PRESIDENTIAL NEWS

- IF YOU ARE ATTENDING THE SHOWBOAT NIGHT, PLEASE REACH OUT TO ANDREW OR DAVE SIVRIGHT TO SIGN UP FOR THIS EVENT. IF YOU HAVE SEASON TICKETS AND YOU PLAN TO USE THEM FOR THIS NIGHT, PLEASE INDICATE THAT ON THE SIGN-UP SHEET.

- CHECK OUT INFO FROM A PREVIOUS ROTARY MEETING ON PAGES 3-5

- OUR PASSING OF THE GAVEL EVENT WILL BE AT THE LUMBERKINGS ON JUNE 26. WE WILL NOT BE MEETING IN THE DAY TIME ON THIS DAY -- THE EVENT WILL BE AT THE BALLPARK, IN THE EVENING.

- SAVE THE DATE FOR OUR BOO BASH 2023! WE WILL SCARE EVERYONE ON FRIDAY, OCTOBER 27 AT THE VISTA GRANDE! JOIN CHERYL FREY AND SABRINA LIEPINS TO MAKE THIS THE BEST YEAR EVVVVER!!!

PLEASE BE AWARE THAT PROGRAM CHAIRS SHOULD BE COLLECTING SPEAKER PHOTOS FOR THE NEWSLETTER AND SOCIAL MEDIA! THANK YOU. :)

Rotary Happy Hour
Thursdays,
June 08
&
June 22
5:30 PM
@ Rusty Barrel Lounge

KEY DATES

- JUNE 23: ANNUAL NIGHT AT THE SHOWBOAT!
- JUNE 26: NO MEETING AT 12, PASSING OF THE GAVEL @ THE CLINTON LUMBERKINGS
- JULY 03: HOLIDAY - NO MEETING
- JULY 10: PRESIDENT BRAYDON PRESENTS!
- JULY 17: PRESIDENT BRAYDON'S NOT-FOR-PROFIT ORGANIZATION
- JULY 24: HAWKEYE ELVIS, GREG SUCKOW
- JULY 31: RAGMHI

Check It Out!



**Work on the depot has begun.
The chimney is being replaced!!**

WEEKLY ROUND-UP

Question and Answers from the Presentation about Renewable Energy Projects

WEEKLY STATS

SCHOLARSHIP FUND:

JUNE 12: \$ 344

YTD TOTAL: \$6,661

SCHOLARSHIP CONTRIBUTIONS TO FOUNDATIONS YTD: \$2,670

TOTAL: \$9,675

ATTENDANCE:

ONLINE: 1

IN-PERSON: 31

TOTAL FOR JUNE 12: 32

GUESTS:

- MARYANN SHEPPARD
- KRISTEN KIDA

YTD: 161

MEMBERS:

- CURRENT MEMBERS: 77
- MEMBERSHIP GOAL: 84



❖ What is the Office address?

1320 11th St NW Suite G, Clinton, IA 52732

❖ What does a wind turbine cost (each turbine cost)?

There are many variables that go into the cost of a turbine. According to the U.S. Department of Energy, the cost of deploying wind energy has decreased more than 90% since the early 1980's and by nearly 70% in the past decade. Turbine price reductions and efficiency improvements like increased blade length and tower heights have reduced the average delivered cost of new wind energy. The added benefit is that the fuel - wind - is free.

❖ What is the typical annual payout for a landowner?

Per our policy, NextEra Energy Resources does not discuss the private contacts with participating landowners. However, American Clean Power Association reports that each year the wind and solar industries contribute nearly \$800 million in land lease payments. The land lease payments provide a reliable and diversified source of income for participating landowners, which can help farmers manage the challenges associated with farming like weather, the cost of inputs and unexpected changes in the price of corn and soybeans.

❖ Do you have a distribution plan for the power? (- a customer for the power)

At this point, it is still too early in the project development to discuss a power distribution plan.

❖ Who takes the wind farm down if NextEra walks away from the project?

One of NextEra Energy Resources core values is do the right thing. Our company makes financial commitments to pay the full costs of decommissioning to ensure taxpayers do not pay for removing any part of a project. We often replace aging turbines with newer, more efficient technology to extend their useful lives. However, should there no longer be a demand for the project after 25-30 years, we will decommission the project by removing all elements of the project and returning the land to its original condition.

Continued...

❖ **What are the minimum setbacks from residences and/or commercial buildings?**

At NextEra Energy Resources, we will adhere to a minimum setback of 1,400 ft from homes if additional requirements do not exist. Clinton County has a variety of setback requirements which would be incorporated into the planning of any projects in the county:

- The setback requirement from inhabited structures (homes, schools, churches...) is either 1,200 feet or two times the total height of the structure, whichever is greater.
- The setback requirement from public right-of-way is 1.1 times the height of the tower and rotor.
- There is also a 1.1 times the total height setback from all above-ground public electric and telephone lines.

❖ **How large of a footprint is a turbine?**

A typical turbine site takes about a 50 x 50-foot graveled area, if you add in the access road each turbine takes about one acre of land out of production. The blades spin about 75 feet above the ground.

❖ **What is the size of the shadow from a turbine?**

It varies depending on the time of day. At noon, a turbine will cast the smallest shadow and at sun rise and sun set it will be at its peak size.

❖ **What is a turbine sound like? How loud is a turbine?**

When you are standing near a turbine, it can best be described as a whooshing sound. Turbines only run when the wind is blowing. When ground level winds are high the sound of the wind masks most of the turbine sound. You would have little difficulty holding a conversation with a neighbor right beneath one of our turbines. Our developers work to site wind turbines at a safe distance from homes and businesses so that sound levels meet or exceed all industry best practices and guidelines. If you were sitting on your porch on a quiet day, you would at most hear a whisper.

❖ **How does a wind farm impact birds and bats?**

Protecting wildlife and sensitive natural habitats is a priority for NextEra Energy Resources. As part of its development process, NextEra Energy Resources conducts thorough wildlife studies to ensure each site complies with all local, state and federal environmental regulations. We develop and employ best management practices and work with the U.S. Fish and Wildlife Service, and state and provincial wildlife agencies to site wind turbines responsibly. When properly sited, wind turbines pose less danger to birds than other common structures such as buildings or roads. NextEra Energy Resources has partnered with national, state and local environmental organizations and agencies, as well as industry groups to contribute millions of dollars toward wildlife education, conservation and research across North America. The investment in research helps with the continual improvement of turbine siting, as well as further studies on avian populations and minimization of impacts.

❖ **What is the impact of shadow flicker?**

Our goal is to be a good neighbor by carefully siting each turbine. We conduct flicker studies to minimize the shadow flicker per year on nearby homes. Fundamentally, shadow flicker is an aesthetic rather than a safety issue, but we recognize that it could be disruptive. When the sun is in a particular position behind a turbine, and there is no cloud cover, and the wind is blowing, rotating wind turbine blades may cast shadows in the windows of neighboring properties creating what is known as a “flickering effect.” This phenomenon only lasts for a short time on certain days, can be very easily predicted and, if necessary, mitigated by planting trees, adding window treatments or installing awnings in the line of sight in accordance with local and international standards. We conduct flicker studies and design our projects to minimize the effects of flickering. Typically, we design wind projects to have no more than 30 – 45 hours of shadow flicker per year on nearby homes.

❖ **Oleg stated there will be a radar tower built to only have flashing lights when airplanes are present.**

What information is available or is this called?

Turbine warning lights are required to comply with the Federal Aviation Administration's (FAA) regulations to ensure air traffic safety. We work with the FAA to reduce to the extent allowed, without comprising safety, the blinking of the lights by installing a technology known as aircraft detection lighting systems (ADLS). When operating ADLS, safety is the number one priority, so if there is an indication of aircraft in range of the wind turbines, weather events, or any type of system issue, the default setting is for lights to be on. In addition, lights need to be on for about five minutes each night to verify the system is working properly.

❖ **How long does it take to put up one tower?**

Once approved for construction, wind farms can be built quite quickly in comparison to other types of power-generating facilities. A single tower can be constructed in 5 days with the overall project taking about 6-9 months to complete.

❖ **What is the typical maintenance for a turbine?**

With any mechanical piece of equipment, you expect to have issues on occasion. We have nearly 13,000 turbines and 36,000 turbine blades in our fleet. We site the turbines safely and responsibly to maintain the equipment, so operational interruptions are rare. We also have a state-of-the-art diagnostic center located at our corporate headquarters that monitors turbine operations 24/7 and can identify and address issues before they become operational problems. When an issue does occur, we work with the manufacturer to investigate the cause and replace the impacted equipment.

❖ **Where are the turbines built?**

We source our materials from a variety of companies and countries based on cost, availability and what's right for the project. If you are interested in where the turbines are manufactured, I can tell you that we will most likely purchase turbines from General Electric (GE). GE manufactures turbines in the United States and other countries around the world. If you are interested in understanding how we determine where we build a particular turbine as part of a larger project, it all revolves around making certain there is minimal impact to the environment and community. We start by finding landowner interested in participating in the project, then we need to make sure we can easily connect the energy from the turbine to the power grid. Once we have those basics together, we evaluate the area to avoid sensitive habitats, bodies of water, culturally sensitive areas and infrastructure such as roads, railways and homes.

❖ **How will the oversize loads impact the roads in the area?**

As part of our construction process, we put in high-quality gravel roads to accommodate our heavy equipment. NextEra Energy Resources pays for the roadwork, which serves as a permanent infrastructure enhancement to the local community, leaving roads in as good or better condition than when we began a project.

❖ **Will the county and city know when the oversized trucks will be scheduled?**

We work closely with local government throughout the construction of the project to ensure we minimize impact to the community.

❖ **Will the city and county have to provide resources to direct/block traffic when the turbines and blades are delivered?**

Traffic control plans are the responsibility of the company delivering the materials. If local support is required, the city or county would be compensated.

LOOKING FORWARD...

PROGRAMS

- JUNE 26: GAVEL PASSING AT THE LUMBERKINGS ** NO MEETING AT 12:00
- JULY 10: PRESIDENT BRAYDON
- JULY 17: PRESIDENT BRAYDON'S NOT-FOR-PROFIT ORGANIZATION
- JULY 24: HAWKEYE ELVIS, GREG SUCKOW
- JULY 31: RAGMHI
- AUGUST 21: CLINTON COUNTY JAIL TOUR -- SACK LUNCH AT JAIL

INVOCATION

JUNE 26: PASSING OF THE GAVEL @ THE LUMBERKINGS



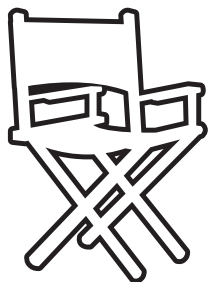
GREETER

JUNE 26: PASSING OF THE GAVEL @ THE LUMBERKINGS



PROGRAM CHAIRS

JUNE: JILL O'NEILL
 JULY: NORLAN HINKE
 AUGUST: GARY DELACY
 SEPTEMBER: JENNIFER GRAF



FELLOWSHIP CHAIRS

JUNE: NORLAN HINKE
 JULY: GARY FOSTER
 AUGUST: MARSHA THRALL & RICH KLAHN
 SEPTEMBER: ANDY FERGURSON



Celebrations

JUNE BIRTHDAYS:

- GARY FOSTER JUNE 03
- LYNN MCGRAW JUNE 05
- PAULA STEWARD JUNE 06
- STEVEN HOWES JUNE 11
- SHANNON SANDER- WELZIEN JUNE 21
- BRIAN WRIGHT JUNE 23

Happy everything

JUNE ANNIVERSARIES:

- RUTY RUTENBECK
 - 34 YEARS; JUNE 01 1989
- DAVID PILLERS
 - 11 YEARS; JUNE 25 2012
- CARRIE DONAIRE
 - 10 YEARS; JUNE 17 2013

The Four-Way Test

1. Is it the **truth**?
2. Is it **fair** to all concerned?
3. Will it build **good-will** and **better friendships**?
4. Will it be **beneficial** to all concerned?

Whatever Rotary
may mean to us, to
the world it will be
known by the results
it achieves.

—PAUL HARRIS



Rotary Board of Directors for 2022-2023

- ANDREW KIDA: PRESIDENT
- BRAYDON ROBERTS: PRESIDENT-ELECT
- DALE DALTON: TREASURER
- SUSIE MESECHER: SECRETARY
- CARRIE DONAIRE
- CHERYL FREY
- ROD TOKHEIM
- JILL O'NEILL
- CHRISTIE COLLINS: PAST PRESIDENT
- ANDY FERGURSON: FOUNDATION

Rotary Foundation Board of Directors for 2022-2023:

- GARY FOSTER*: PRESIDENT
- MARK RUTENBECK*: VICE-PRESIDENT
- JOHN FREY*: SECRETARY
- DALE DALTON*: TREASURER

Directors

- JIM BRUHN*
- KATHY FORREST
- JENNIFER GRAF*
- KATHY KLAHN*
- LYNN MCGRAW
- BRIAN WRIGHT*

FOUNDATION MINUTE

WELCOME TO WEEK 3 OF ROTARY FELLOWSHIPS AND A HAPPY FATHERS' DAY TO ALL ROTARIANS AND FRIENDS!

EVERY GLOBAL GRANT MUST IMPACT AT LEAST ONE OF THE ROTARY FOUNDATION'S 7 AREAS OF FOCUS. THIS WEEK'S REPORT, FROM THE JUNE 2023 EDITION OF ROTARY NEWS PLUS, IS ON DISEASE PREVENTION AND TREATMENT.

THE ROTARY CLUB OF AMBALA, INDIA (RID 3080), RECENTLY INSTALLED A SOPHISTICATED ULTRASONOGRAPHY MACHINE AT THE ROTARY AMBALA CANCER AND GENERAL HOSPITAL THROUGH A ROTARY FOUNDATION GLOBAL GRANT WORTH \$172,078. THE INTERNATIONAL PARTNERS FOR THIS GRANT INCLUDE: RIDS 6930 AND 7090; ROTARY CLUB BOCA RATON SUNRISE, FLORIDA AND ROTARY CLUB BUFFALO, NY. TWO DISTRICTS IN INDIA, RID 3080 AND 3011 ALSO SUPPORTED THE PROJECT THROUGH THEIR DDFS. THE 100-BED SUPER SPECIALTY HOSPITAL IS MANAGED BY THE ROTARY AMBALA CANCER DETECTION AND WELFARE SOCIETY. THE STATE-OF-THE-ART FACILITY BOASTS OF CLINICAL SERVICES IN THE FIELDS OF ANESTHESIOLOGY, CARDIOLOGY, CHEMOTHERAPY, INTERVENTIONAL RADIOLOGY, DERMATOLOGY, SURGICAL ONCOLOGY, NEPHROLOGY AND ORTHOPEDIC SURGERY, AMONG NUMEROUS OTHERS. DIAGNOSTIC SERVICES INCLUDE 2D ECHO, CT SCANNING, MRI, EEG, EMG/EP, MAMMOGRAPHY, TREADMILL TESTING AND USG TO NAME A FEW. THE NOMINAL CHARGES --- 30 RUPEES (\$0.37 US) FOR A SPECIALIST CONSULTATION AND 250 R (\$3.05) FOR ADVANCE SPECIALIST'S OPINION--- MAKES THIS HOSPITAL QUITE AFFORDABLE FOR MANY. AJAY MADAN, THE IPDG EXPLAINED THAT THE HOSPITAL WAS INITIALLY ESTABLISHED IN 2005 HAS NOW BEEN UPGRADED "...TO PROVIDE QUALITY MEDICAL TREATMENT AT AFFORDABLE COSTS TO BENEFIT THE UNDERPRIVILEGED." THE NEW ULTRASONOGRAPHY MACHINE PROVIDES A PLATFORM FOR HIGH-END CLINICAL PERFORMANCE TO DETECT ULTRASMALL PATHOLOGIES ESPECIALLY IN FETAL AND MATERNAL STUDIES. THE MACHINE IS SPECIALLY LOADED WITH UNIQUE SOFTWARE THAT DETECT EARLY BREAST TUMORS AND LIVER DISEASE WITHOUT SURGERY. "THIS IS THE MOST MODERN ULTRASOUND MACHINE AVAILABLE WITHIN A 200-KILOMETER RADIUS."

IN ROTARY,

OLABISI GWAMNA, CLUB SECRETARY
MOUNT PLEASANT ROTARY,
EDITOR, FOUNDATION MINUTE