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WISCONSIN ENERGY Cooperative

February 2020

NEWS

Touchstone Energy[®] Cooperatives

HOT AIR AFFAIR



TAYLOR ELECTRIC Cooperative

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ANNUAL MEETING APRIL 4

Time for director elections

Taylor Electric Cooperative's 84th annual meeting will be held at the Stetsonville Centennial Center in Stetsonville on Saturday, April 4, 2020. One of the most important duties of the members at this meeting will be to elect members to fill three seats on the board of directors.

The Bylaw provision for nominating a member to serve on the board is as follows:

(Article V) Section 3. Nomination and Election of Directors. It shall be the duty of the Board of Directors to appoint a nominating committee in time to allow the committee to meet at least forty-five (45) days before the date of the annual meeting of the members, at which directors are to be elected. The nominating committee shall consist of three members. The committee chairman shall present the committee's nominations at the annual meeting.

Nominations may also be made by petition signed by not less than 25 members delivered to the Cooperative's headquarters not less than 7 days prior

to the annual meeting. Election shall be by majority vote for each director position. In the event no candidate receives a majority of the votes cast for a position, the candidate receiving the fewest votes shall be dropped from nomination on each successive ballot until one candidate receives a majority of the votes cast.

The board has appointed the following to serve on the Nominating Committee for the 2020 annual meeting:

- Bill Elsner 715-678-2276
- Ken Nernberger 715-748-3055
- Rich Feldbrugge 715-223-8564

Please contact any of these Nominating Committee members if you are interested in being nominated for a seat on the board by February 10.

At the 2020 annual meeting, there will be elections for three board seats: the seats currently held by Patricia Waldhart, Chuck Zenner, and Dennis Engel. Directors are eligible to serve



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up to five three-year terms. Waldhart and Zenner are eligible for re-election. Engel will be resigning from the board; therefore his seat is up for election.



Patricia Waldhart Chuck Zenner Dennis Engel

To be on the ballot for election to the board, a member needs to be nominated by the Nominating Committee, or be nominated by petition, which involves getting signatures of not less than 25 members and delivering that nomination petition to the co-op not less than seven days prior to the annual meeting (by March 27, 2020, for the upcoming annual meeting.)

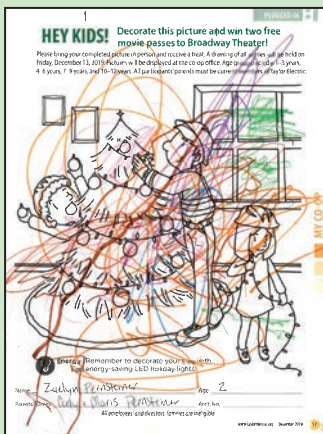
Also, members interested in serving on the 2021 Nominating Committee will be sought during this year's annual meeting. This is a good way to become more involved with your cooperative.

MY CO-OP

Congratulations to the winners of our Christmas coloring contest!

The winning entries in each age category are pictured below. Each of these children received two free movie passes to the Broadway Theater.

Thanks to all the children who entered; everyone who participated received a gift.



Age group 1-3:
Zaelyn Pernsteiner



Age group 4-6:
Charlotte Gruny



Age group 7-9:
Sophia Mahner



Age group 10-12:
Trinity Wesle



DEMAND vs. CONSUMPTION

Your electric bill will have more information



The meters that Taylor Electric uses to measure the monthly electricity usage by each of our members provides information about how much electricity is needed at any one time during the month, and the total amount of electricity used during the month.

In the past we've always shown and billed for the amount of electricity used—the consumption—but only 3-phase accounts were shown and billed for the amount of electricity needed from Taylor Electric's system at any one point in time—the demand. At this time, it appears on your bill as an actual measurement of your demand. There will be no charge for the demand until the board approves it as part of the rate.

**NOTE:* Some of the meters used by Taylor Electric may not report the demand at this time, so the demand on your bill may appear as zero (-0-). Those meters are being upgraded to provide this feature.

At some point in the future, the electric rates may change to better reflect the actual cost of providing electric service to each member reflecting the charges from the wholesale rate.

Understanding electricity use can be compared to driving a car. The rate at which you are consuming electricity (demand, or kW) is equivalent to the speed you are driving the car (mph). Your overall consumption (kWh) is similar to the total distance driven in the car (miles). Electricity consumption is dependent on how many hours your equipment was on—multiply demand by time in use and you get consumption. In a car, you calculate your total distance the same way—multiply the average speed by the number of hours driven.

What is Electric Demand?

Electric demand is the rate of using electricity and is measured in kilowatts (kW). Utilities measure the highest rate

of using electricity each billing cycle in order to adequately size the generation, transmission, and distribution capacity required to provide energy to each customer. The utility then recoups these costs by billing you based on your highest measured demand, and when that demand occurs relative to when the utility experiences peak demand on their system.

So, what's the difference between a facility's electricity demand and electricity consumption? Knowing the difference between these two terms is important for understanding how electricity is measured and can be billed by your utility as well as how to reduce your overall electricity costs.

Demand vs. Consumption

Electricity demand is measured in kilowatts (kW) and represents the rate at which electricity is consumed. Electricity consumption, on the other hand, is measured in kilowatt-hours (kWh) and represents the amount of electricity that has been consumed over a certain time period.

For example:

- A 10-watt LED will always demand 10 watts from the grid when it's on. However, the LED's energy consumption will range depending on the number of hours it is on. If the LED is on for 10 hours, it's consumption would be 10 watts x 10 hours or 100-watt-hours (Wh).
- If a 100-watt incandescent bulb is on for 10 hours, it's consumption would be 100 watts x 10 hours or 1,000 Wh, which equals 1 kilowatt-hour (kWh).

TAYLOR ELECTRIC COOPERATIVE INCENTIVES

Effective January 1, 2020 – Incentives subject to change without notice

2020 Incentive

ENERGY STAR APPLIANCES

| | |
|------------------------------------------------------------------------------------------------------|---------------|
| Clothes Washer | \$25 per unit |
| Clothes Dryer | \$25 per unit |
| Clothes Dryer – Heat Pump – <i>all heat pump clothes dryers qualify</i> | \$50 per unit |
| Refrigerator ≥ 10 cubic feet | \$25 per unit |
| Inductive Range – <i>all inductive ranges qualify</i> | \$25 per unit |
| Freezer – freezer must be ≥ 10 cubic feet to qualify | \$25 per unit |
| Dishwasher | \$25 per unit |
| Dehumidifier | \$25 per unit |
| Recycling – Refrigerator/Freezer/Room A/C (<i>signed certification required – must be working</i>) | \$25 per unit |

CONSERVATION

| | |
|---------------------------------------------------------------------------------------|----------------|
| Flow Restrictor – shower (<i>2.5 gal. per min. or less – capped at 20% of cost</i>) | \$5 per unit |
| Flow Restrictor – faucet (<i>1.5 gal. per min. or less – capped at 20% of cost</i>) | \$1 per unit |
| Electric vehicle charging station (<i>load management control required</i>) | \$400 per unit |
| Smart Power Strip/Bar – all smart power strips qualify | \$5 per unit |

AUDITS & ASSESSMENTS

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Compressed Air Audit | capped at cost, \$500 max. |
| Audit Recommended Improvements | capped at cost, \$500 max. |
| Touchstone Energy New Home Program – <i>must meet one of four requirements (criteria for multi-family dwellings include one incentive per habitable structure [not warehouse, not per apartment], structure must be on cooperative lines and person requesting incentive must be owner and a member)</i> | \$500 each |

ELECTRIC WATER HEATER***

| | |
|-----------------------------------------------------------------------------------------------|----------------|
| Commercial and Residential—75-99 gallon (<i>Energy Factor .88+, Residential</i>) | \$125 per unit |
| Commercial and Residential—100 gallon+ (<i>Energy Factor .88+, Residential</i>) | \$300 per unit |
| Solar storage, w/electric auxiliary tank – 75–99 gallon | \$125 per unit |
| Solar storage, w/electric auxiliary tank – 100+ gallon | \$300 per unit |
| Heat pump water heater (<i>Integrated [all-in-one] units, Energy Factor 2.0 or greater</i>) | \$300 per unit |

LIGHTING

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|-------------------------------------------------------------------------|----------------------------------|
| LED bulb (residential & non-residential) – capped at cost | \$.50 per bulb – 5 bulb minimum |
| LED fixture – non-residential only – capped at cost | \$.50 per 800 lumens per fixture |
| LED Exit signs – capped at cost | \$5 per sign |
| Occupancy Sensors – capped at cost (<i>excludes motion detectors</i>) | \$5 each |

HVAC****

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Heat Pump – Air-Source & MiniSplit (<i>14+ SEER, 8.2+ HSPF, or EER 11+</i>) | \$250 per ton |
| Heat Pump – Commercial Air Source & PTHPs (<i>Less than 20 ton: EER 11+ 20 to less than 60 ton: EER 10.5+, Greater than or equal to 60 ton: EER 10+</i>) | \$250 per ton |
| Heat Pump – Geothermal | \$500 per ton |
| New Furnace w/ECM Blower Motor – <i>Variable speed motor (not multi-speed) "or" AFUE $\geq 95\%$ & Eae ≤ 670 kwh/year</i> | \$35 per unit |
| Dual Fuel (8 KW min. – new installations) | TEC only – \$100 bill credit |
| ETS units | TEC only – \$30 per KW |
| Electric hydronic or slab | TEC only – \$20 per KW |

AGRICULTURAL & C&I

| | |
|------------------------------------------------------------------------------------------------------|-----------------------|
| Commercial Vending Machine Controls | \$25 each |
| Dairy Plate Cooler/Well Water Pre-cooler | \$500 per unit |
| Dairy Heat Recovery w/Electric Backup – used with controlled water heater | \$300 per unit |
| Low/zero Energy Livestock Waterer (<i>500 watts or less, insulated tank</i>) | \$50 per unit |
| Scroll Refrigeration Compressor (<i>max. \$1,000 per compressor</i>) | \$30 per HP |
| Variable Frequency Drive (<i>max. \$1,000/drive, min. 1/2 HP</i>) | \$30 per HP |
| Electric Forklift Battery Charger – <i>must be controlled as defined by cooperative</i> | \$200 each |
| Ag Fan – Exhaust, less than 36" – <i>must be ≥ 18 cfm/Watt @ 0.05" SP</i> | \$1 per inch diameter |
| Ag Fan – Exhaust, greater than 36" – <i>must be ≥ 21 cfm/Watt or more @ 0.05" SP</i> | \$1 per inch diameter |
| Ag Fan – Circulation, less than 36" – <i>must be ≥ 18 lbs. force/kW</i> | \$1 per inch diameter |
| Ag Fan – Circulation, greater than 36" – <i>must be ≥ 21 lbs. force/kW</i> | \$1 per inch diameter |

***Water heater rebates require installation of co-op's Load Management (LM) control.
 ****A/C and heat pumps require LM only when separately metered for off-peak rates.
 *****Dual Fuel, ETS, & hydronic or slab systems require LM control to qualify for incentive.
 (timeclock control when under the time of day rate is acceptable.)

Maximum rebate = \$20,000 per member account per year.
 Most rebates must be applied for within 6 months of purchase.

Plus, call FOCUS ON ENERGY 800-762-7077

MY CO-OP



Clean up your paper clutter this New Year!

Begin the New Year cleaning up your paper clutter by signing up for paperless billing through SmartHub. While you're there, check out the other great benefits SmartHub has to offer:

- Pay your bill online
- Check your usage
- Manage your account
- Set up recurring and stored payments
- Communicate directly with the co-op

Start the New Year off right and sign up for SmartHub online. It's Taylor Electric's FREE and mobile online payment system. Click on the signup link and follow the prompts to create your user name and password. Questions? Call, click or visit us at 715-678-2411 or www.taylorelectric.org.



Snow presents challenges for solar panels

These photos of Taylor Electric's Bright Horizons Community Solar array were taken by a drone and show how the snow and ice builds up on the panels during the winter. We are currently looking into changing the set-up of the panels which would allow the snow to clear more effectively. The recent rain on top of the snow has aggravated the problems so all we can do is wait for Mother Nature to melt it clear.

Kenneth Ceaglske, President/CEO

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Lainie Kellnhofer, Editor

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