

# Taylor Report

January 2016



## TAYLOR ELECTRIC COOPERATIVE INCENTIVES

Effective January 1, 2016

Rebates and Rebate Criteria are subject to change without notice



### ENERGY STAR APPLIANCES--MUST BE ENERGY STAR

- Clothes Washer—\$25 per unit
- Clothes Dryer—\$25 per unit
- Clothes Dryer-Heat pump-all heat pump clothes dryers qualify—\$50 per unit
- Refrigerator  $\geq$  10 cubic feet—\$25 per unit
- Dishwasher—\$25 per unit
- Recycling—Refrigerator/Freezer/Window A/C (Signed certification required-must be working) — \$25 per unit

### CONSERVATION

- Low-flow shower head (2.5 gal. per min. or less-capped at 50% of cost)—\$5 per unit
- Low-flow faucet aerator (1.5 gal. per min. or less-capped at 50% of cost)—\$1 per unit

### AUDITS & ASSESSMENTS

- Compressed Air Audit— $\frac{1}{2}$  cost of audit, \$500 max.
- Audit Recommended Improvements—50% of cost measures implemented, \$500 max.
- Touchstone Energy Home Program—New Home-must meet 1 of 4 requirements—\$500 each

### ELECTRIC WATER HEATER\*\*\*

- Commercial and Residential--75-99 gallon (Energy Factor .90+, Residential)—\$125 per unit
- Commercial and Residential--100 gallon+ (Energy Factor .85+, Residential)—\$200 per unit
- Solar storage, w/electric auxiliary tank—\$300 per unit
- Heat pump water heater (Integrated (all-in-one) units, Energy Factor 2.0 or greater)—\$300 per unit

### LIGHTING —incentive cannot exceed cost of bulb

- CFL bulb (residential & non-residential)-capped at 50% of cost—\$1 per bulb
- CFL or LED indoor fixture-capped at 50% of cost—\$1 per fixture per 400 lumens
- LED Exit signs-capped at 50% of cost—\$5 per sign
- LED bulb (residential & non-residential)-capped at 50% of cost—\$2 per bulb
- LED Outdoor Fixture (min. 15 watts per light)-capped at 50% of cost—\$15 per fixture
- Occupancy Sensors-capped at 50% of cost—\$5 each
- Pulse-start metal halide fixtures (retrofit only)-capped at 50% of cost—\$15 per fixture
- T-5 Fixtures - capped at 50% of cost—\$6 lamps/fixture
- T-8 Fixtures (Retrofit only)—capped at 50% of cost—\$4 lamps/fixture

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

### A/C & HEATING\*\*\*\*

- Central A/C & Ductless MiniSplit (14+ SEER or EER 11.5+)—\$40 per ton
- Central A/C & Ductless MiniSplit (15+ SEER or EER 12.5+)—\$60 per ton
- Central A/C & Ductless MiniSplit (16+ SEER or EER 13.5+)—\$80 per ton
- Commercial A/C & PTACS (Less than 20 ton: EER 11.5+, 20 to less than 60 ton: EER 10.5+, Greater than or equal to 60 ton: EER 10+)—\$40 per ton
- Air-Source & MiniSplit Heat Pump (14+ SEER, 8.2+ HSPF, or EER 11.5+)—\$150 per ton
- Commercial Air Source Heat Pumps & PTHPs (Less than 20 ton: EER 11.5+, 20 to less than 60 ton: EER 10.5+, Greater than or equal to 60 ton: EER 10+) —\$150 per ton
- Geothermal Heat Pump—\$300 per ton
- New Furnace w/ECM Blower Motor-Variable speed motor (not multi-speed) "or" AFUE $\geq$ 95% & Eae  $\leq$ 670 kwh/year—\$35/unit
- Dual Fuel (8 KW min. - new installations)—\$100 bill credit
- ETS units—\$30 per KW
- Electric hydronic or slab—\$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—\$300 per unit
- Low/zero Energy Livestock Waterer (500 watts or less, insulated tank)—\$50 per unit
- Scroll Refrigeration Compressor (Max. \$1,000)—\$30 per HP
- Variable Frequency Drive (Max. \$1,000/drive, min. 1 HP)—\$30 per HP
- Ag Fan - Exhaust, less than 36" (18 cfm/Watt or more)—\$1 per inch diameter
- Ag Fan - Exhaust, greater than 36" (21 cfm/Watt or more)—1 per inch diameter
- Ag Fan - Circulation, less than 36" (18 ft. lbs./kW or more)—1 per inch diameter
- Ag Fan - Circulation, greater than 36" (21 ft. lbs./kW or more)—\$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).

In addition, call - FOCUS ON ENERGY 800-762-7077

## OUT WITH THE OLD....IN WITH THE NEW

### *Make a change in 2016*

#### PREPAID METERING

Prepaid metering is an innovative program that allows you to take more control over your electric usage:

- Control - No due dates; choose when and how often you purchase electricity
- Convenience - Several payment options and account balance notification methods available
- Savings - Manage your own usage; avoid late fees, deposits, or other collection costs

#### *What is Prepaid Metering?*

Prepaid metering puts you in the driver's seat for purchasing electricity. It's like filling your car or truck with gasoline. You monitor the fuel level and decide when you should refill. Adding money to your account allows you to "refuel". You simply pay for your electricity before it is used.

#### *How does Prepaid Metering work?*

- Purchase electricity when it is convenient for you – anytime, anywhere.
- Your meter is read (or estimated) daily and the previous day's usage is deducted from your available balance.
- Low balance notifications are sent automatically through email and/or text message. Email accounts are mandatory to participate.
- If your balance reaches zero, power is automatically disconnected until the account has at least a \$30 credit. **Weather conditions will not postpone disconnection of service. Taylor Electric shall be held harmless from any damages due to loss of energy service, or during the reconnection of service, as a result of participating in the Pre-pay program.**

#### ACH

Don't forget that we offer you the convenience and ease of having your monthly payment made automatically from your checking, savings account or credit card (ACH). And, you won't have to change your present banking relationship to take advantage of this service. The ACH Plan will help you in several ways:

It saves time—fewer checks to write

Helps meet your commitment in a convenient and timely manner—even if you're on vacation or out of town

No lost or misplaced statements, your payment is always on time and it helps maintain good credit

It saves postage

It's easy to sign up for, easy to cancel

No late charges

Here's how the ACH plan works:

You authorize regularly scheduled payments to be made from your checking, savings account or credit card. Then, just sit back and relax. Your payments will be made automatically on the specified day. A statement will be mailed to you each month so you are aware of the amount being withdrawn from your account or applied to your card.

The ACH Plan is dependable, flexible, convenient and easy. To take advantage of this service, simply give us a call and we will be glad to send you a form. ***Any ACH payment set up by credit or debit card must be entered by the customer online at [www.taylorelectric.org](http://www.taylorelectric.org).***

#### SMARTHUB

Pay your bill online with Taylor Electric's E-bill! It's fast, free, easy and convenient. With E-bill, you can view your bill 24-hours a day, 7-days a week over the Internet. You can also view or print your payment history; view prior electric bills; and get graphs of monthly usage, average daily usage and average daily cost.

Using SmartHub allows you to view your bill and pay immediately over the Internet with your Master Card or Visa credit cards or with your checking account using the e-check feature. You may also view your bill online and then print out a mail-in-stub to submit your payment to the office. Once you have selected to pay your bill over the Internet, you may save the payment information so next month it's even easier. There is no need to rekey your information. Just simply log onto our website [www.taylorelectric.org](http://www.taylorelectric.org) and click on the SmartHub link. You will need your account number and meter number which can be obtained from your electric bill.

We meet all Payment Card Industry (PCI) Data Security Standards, protecting members who pay by credit card against misuse of their personal information. We use industry-standard encryption technology when transferring your data online. Our networks are secured internally and externally and tested regularly to ensure they remain protected. We use unique employee passwords that are changed frequently.

Employees are on the lookout as well. They are trained to recognize patterns and practices that may indicate identity theft. They follow specific procedures to ensure that your information is not divulged to anyone who does not have access to your account. Any documents that contain personal information are shredded.

# GET TO KNOW YOUR CO-OP NETWORK

*The power behind your power*

By Adam Schwartz



National Rural Utilities Cooperative Finance Corporation



National Information Solutions Cooperative®

Every day, everyone at Taylor Electric is hard at work to make sure all of our members have the electric power they need at the best possible price. And behind the scenes, we are working with a network of cooperatives to make that happen.

Taylor Electric is a part of Dairyland Power Cooperative, which creates the power, along with 25 other distribution co-ops that receive power from Dairyland Power. We helped to create this second tier co-op so that we have more control over power supply and pricing.

It also takes a lot of money to run an electric co-op, so when we need to borrow capital, we turn to the National Rural Utilities Cooperative Finance Corporation (CFC). CFC is owned by electric co-ops throughout the country.

As you know, every month we generate an electric bill that we send to you either electronically or through regular mail. We use National Information Solutions Cooperative to ensure we can apply the latest technology, help lower your energy costs and send timely, accurate bills to you.

No business can operate without several different types of insurance, such as general liability, auto and workmen's compensation. So once again, along with other electric cooperatives across the country, we are members of Federated Rural Electric Insurance Exchange. This allows us to maintain

reliable coverage at an affordable price.

It also takes a whole lot of "stuff" to operate an electric co-op, such as poles, wires, transformers and many other items that you may not see. This is why we partnered with other co-ops to create RESCO (Rural Electric Supply Cooperative).

The power of this co-op allows us to have quick access to all the materials we need at the best price.

Taylor Electric is a member of Touchstone Energy, a nationwide alliance of 750 local, consumer-owned electric cooperatives. Our participation allows us access to a wealth of informational materials. It also allows us to benchmark our performance in comparison with other co-ops so that we can learn from others as we constantly strive to serve you better.

We are also part of the Cooperative Response Center, which allows us to answer your calls 24 hours a day, 365 days a year.

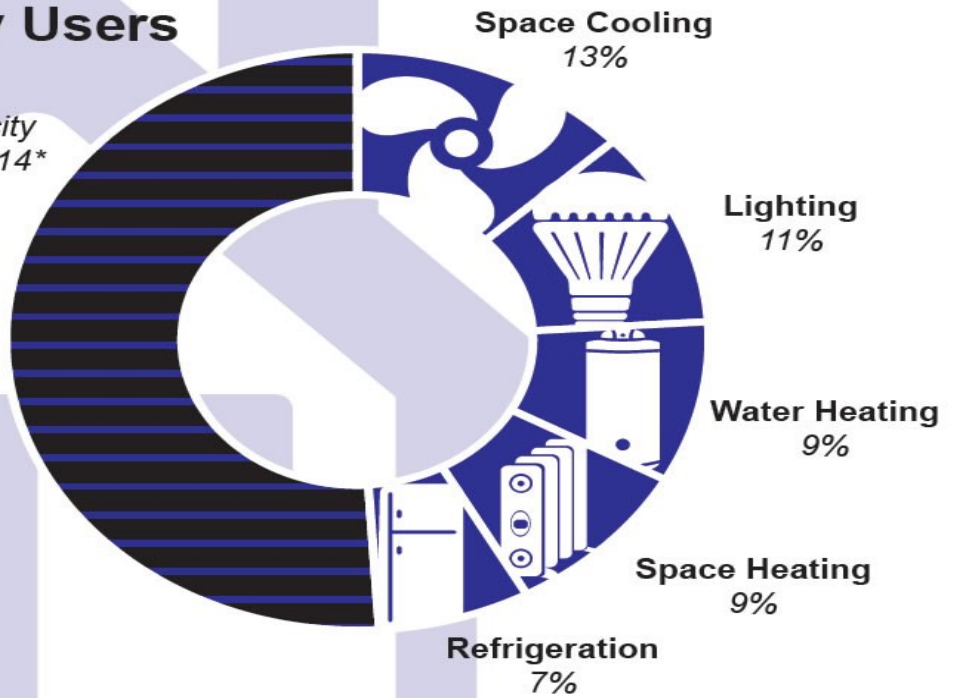
So, while you are a member of one electric co-op, you are actually connected to many other co-ops. And being connected to this cooperative network ensures your needs are met in the most efficient and cooperative way possible.

*Adam Schwartz is the founder of The Cooperative Way a consulting firm that helps co-ops succeed. He is an author, speaker and member-owner of the CDS Consulting Co-op. You can follow him on Twitter @adamcooperative or email him at schwartz@thecooperativeway.coop*

## Top Five Energy Users in U.S. Homes

*Estimated residential electricity consumption by end use, 2014\**

**Other uses** include TV, set-top boxes, home entertainment and gaming systems, monitors and networking equipment, clothes dryer, small electric devices, heating elements and motors.



\*Source: EIA

**Taylor Report USPS 998-400** published monthly by Taylor Electric Cooperative, N1831 State Hwy. 13, Medford, WI 54451. Periodicals Postage Paid at Medford, WI. POSTMASTER: Send address changes to Taylor Report, N1831 State Hwy. 13, Medford, WI 54451. Subscription rate \$2.50 per year.

Michael Schaefer, President & CEO  
Lainie Kellnhofer, Editor

**OFFICERS**

Dean Tesch, Chairman,  
Brian Kulas, Vice-Chairman  
Patricia Waldhart, Secretary/Treasurer

**DIRECTORS**

Ray Henrichs, Chuck Zenner  
JoAnn Smith, James Smola

Vol. 44 No. 01  
January 2016  
Publication No.  
USPS 998-400

Return Service Requested

## Board Report – December 2015

- Approved November disbursements totaling \$745,009.64, accepted 6 new member applications, and October construction in the amount of \$108,346.17.
- Reviewed financial results through November 30, 2015 and projections for year-end 2015. Operating Margins for the first 11 months of the year show a loss of \$17,322 with Total Margins for the year at \$79,167 compared to \$353,405 one year ago. Year-end projections for 2015 are for Operating Margins of near break-even, and Total Margins of approximately \$270,000 (mostly from Dairyland Power Co-op capital credit allocations).
- Two requests for discounted capital credit retirement to estates were approved with net present value of \$833.35.
- Eight accounts totaling \$1,622.71 were approved to be written off as bad debts. All 8 have been turned over to a collection agency for further collection efforts.
- Action to take the capital credits of a former member's account was postponed pending more information related to a possible theft of electric service.
- The Dairyland Power report included a review of the 2015 budget, with the average wholesale power cost projected to increase 2.6% on May 1, 2016, to 7.402¢ per kWh (7.33¢ per kWh average for all of 2016) and a capital additions budget of nearly \$68 Million (most of which is for transmission system upgrades). The Dairyland Board of Directors will be making decisions on disposition of excess 2015 margins at its January board meeting.
- Director Tesch reported on the Dairyland Power board meeting which included: a loss of \$3.6 Million for the month of November with year-end forecast of more than \$28 Million total margins; bought out of 2 of the 3 manure digester projects it had invested in; generators at the 7-Mile Landfill site are having issues with the corrosiveness of the gas being produced; coal inventories are at near maximum capacities; and, decommissioning costs of retired coal plants to be expensed over 10 years.
- Reviewed 83 delinquent accounts processed for collection in December [78 in 2014] with a total balance owing of more than \$29,000. Small claims court actions are used to file liens against delinquent customers during winter months.
- Director Tesch was appointed as the Co-op's voting delegate to the 2016 NRECA, NRUCFC, and NRTC Annual Meetings. It was noted that Tesch would be attending those meetings by virtue of his serving on the Board of Directors of NRUCFC, and therefore, there would be no additional cost to Taylor Electric for his attendance.
- The Board approved the capital improvement budgets for 2016: \$34,345 for the office and IT needs, \$200,000 for vehicles and equipment, \$70,000 for tools, security and test equipment, and, \$830,000 for line construction projects. Line construction projects include 9 miles of overhead and 10.25 miles of underground construction. The overhead projects will be completed by the Co-op's crews as time permits, and underground cable failures will determine where underground replacements will be made.
- The Board approved the 2016 operating budget with an expected decrease in kilowatt-hour sales, and a target of a 4% rate increase on May 1st, subject to change pending discussions with the Cooperative's rate consultants. It was noted that weather can have a huge impact on sales (growth or loss), and excessive outages and storm damage to the distribution system can impact the amount of the needed rate increase. The Board discussed the Co-op's equity level with concerns on attaining 40% equity to assets level, which allows the Co-op to take advantage of an extra 1/8% interest discount from our lender; an annual cost savings of about \$15,000.
- Director Hallgren reported on topics covered at the December 2015 safety meeting held at the Co-op including: hazard communications; hearing conservation; close calls at other utilities; and, OSHA standards update.
- Director Tesch reported on the CFC meeting he had attended. He indicated that CFC, Taylor Electric's lender, has a Treasury update included at each of its board meetings.
- Director Waldhart reported on the WECA Legislative Committee meeting she attended in December.

### Energy Efficiency Tip of the Month



Save energy and money by lowering your water heater thermostat to 120 degrees Fahrenheit. This will also slow mineral buildup and corrosion in your water heater and pipes.

Source: [energy.gov](http://energy.gov)