OTTER TAIL POWER COMPANY

Rebates

Programs and services guide for contractors

2025

Explore our whole home rebate options for energy-efficiency upgrades and improvements

Electric item	Rebate program	PG #	Rebate program	PG #	Rebate program	PG #
Heat pump — 3 ton ducted*	$2,400	10	N/A		$2,100	34
Quality installer program*	$600	12	N/A		$600	36
Smart thermostat	$150	18	N/A		$150	39
Water heater	$400	13	$400	32	$400	37
In-floor heating (boiler)	$400	18	$400	32	$400	38
Dual fuel*	$120	11	$1800	32	$300	35
New electric vehicle (BEV)	$3,000	17	N/A		N/A	
Electric vehicle Level 2 charger	$500	17	$500	33	$500	39
Electrical secondary panel upgrade	$2,000	4	Total possible rebate **$3,100**		Total possible rebate **$4,450**	
Insulation	$2,800	15				
Windows	$200	15				
Refrigerator	$50	16				
Chest freezer	$50	16				
Dishwasher	$50	16				
Clothes washer	$50	16				
Clothes dryer	$50	16				
Induction cooktop	$50	16				
Dehumidifier	$25	16				
Push mower	$250	17				
Snow blower	$150	17				
Lawn tools	$50	17				
	Total possible rebate **$13,345**					

**Rebates combine (stackable)*

See inside for more information including:

- **2025 commercial programs and rebates**
- **Federal tax credits and incentives**
- **Continuing education and contractor workshops**
- **Important dates and deadlines**

2025
Programs and services guide

General information

Minnesota rebate programs

North Dakota rebate programs

South Dakota rebate programs

Rates and resources

General information

Applying for a rebate

Customers must provide detailed receipts and equipment documentation, including manufacturer and model numbers, and a signed Customer Rebate Application or other rebate forms.

Submit rebates by email to:
rebates@otpco.com

Or by mail to:
Rebates
P.O. Box 496
Fergus Falls, MN 56538-0496

- Bids and quotes aren't acceptable proofs of purchase.
- Documentation for air conditioner and heat pump rebates must clearly indicate ducted or ductless design and other required performance ratings.
- Acceptable proof of equipment efficiency, where required, includes AHRI certificates reflecting required equipment efficiency levels or manufacturer specification sheets with proof of efficiency levels for models installed.
- Find AHRI certificates at **ahridirectory.org**.
- Any other documentation of equipment efficiency must receive prior approval.
- Customer rebate applications may be found online at **otpco.com/RebateApplication**.
- Some programs have additional guidelines and documentation requirements. Contact one of our representatives listed on page 3 for assistance.
- All documentation is needed with the initial form submission to avoid delays in processing or disqualification.
- Allow eight weeks for rebates to process.
- Energy control rebate projects that total **$10,000 or more require preapproval** and may be evaluated for a custom rebate amount to ensure project demand response value and a payback period of no less than one year. Customer must provide project cost details including alternative equipment under consideration and timeline for project completion for evaluation purposes.
- Rebates won't exceed 75 percent of project costs. Geothermal heat pump rebates won't exceed 50 percent of project costs. (Note: Inflation Reduction Act and state rebates aren't included in project cost calculations.)
- Funding limitations apply.
- We reserve the right to change or eliminate rebate programs without notice.

*Download the Customer Rebate Application at **otpco.com/RebateApplication**.*

Otter Tail Power Company representatives

Contact these individuals directly or call our **Idea Center** at **800-493-3299.**

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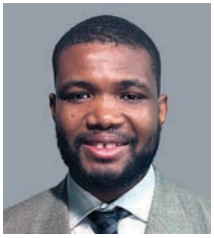

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Federal tax credits and incentives

The federal Inflation Reduction Act of 2022 provides tax credits and incentives for energy-saving electric items. These incentives may be used in conjunction with our rebate programs.

TAX CREDITS

Federal tax credits are available to both commercial and residential customers for certain energy-saving electric equipment.

Some of the tax credits at right are only available to residential customers. Federal tax credits and incentives can change at any time. **Be sure to consult your tax professional before making equipment purchases.**

Tax credit

Electrical equipment	Tax credit
Battery storage installation	30% of project cost
Geothermal heating installation	30% of project cost
Electric panel	30% of cost ($600 cap)
Electric vehicle charger	30% of cost ($1,000 cap)
New electric vehicle	$7,500
Used electric vehicle	30% of cost ($4,000 cap)
Heat pump air conditioner/heater	30% of cost ($2,000 cap)
Rooftop solar installation	30% of project cost
Home efficiency	30% of cost ($1,200 cap)

UPFRONT DISCOUNTS

We expect upfront discounts to be available in 2025. Availability will depend on how quickly state governments are able to implement them.

For more information on eligibility, visit **otpco.com/IRA.**

Maximum upfront discount

Electrical equipment	Discount
Electrical panel	$4,000
Electric stove	$840
Electric wiring	$2,500
Heat pump water heater	$1,750
High-efficiency heat pump	$8,000
Heat pump clothes dryer	$840
Home efficiency	$1,600
Whole home energy reduction	$4,000

Fuel price break-even points

To calculate the break-even point of electricity compared with natural gas, propane, or fuel oil, find the price per kilowatt-hour paid (prices vary by rate) and the efficiency level of the fossil fuel-operated equipment you're comparing.

The price shown is the all-in price fossil fuels must reach to break even with electricity prices.

Refer to the cost per kilowatt-hour (kWh) chart on page 7 for an approximate electricity cost for your comparison.

Break-even costs for electric heating

Electric heating technology		100% Efficiency electric		250% Efficiency electric		400% Efficiency electric	
		Dual fuel	Gen service	Dual fuel	Gen service	Dual fuel	Gen service
	Cents per kWh	$0.07300	$0.10219	$0.07300	$0.10737	$0.07300	$0.10737
Fossil fuel	**System efficiency**	**Break-even point for electric to fossil fuel**					
Propane (gallon)	80%	$1.57	$2.19	$0.63	$0.92	$0.39	$0.58
	90%	$1.76	$2.47	$0.71	$1.04	$0.44	$0.65
Natural gas (MCF)	80%	$17.11	$23.95	$6.84	$10.07	$4.28	$6.29
	90%	$19.25	$26.95	$7.70	$11.33	$4.81	$7.08
Natural gas (therms)	80%	$1.65	$2.31	$0.66	$0.97	$0.41	$0.61
	90%	$1.86	$2.60	$0.74	$1.09	$0.46	$0.68
Fuel oil (gallon)	70%	$2.10	$2.93	$0.84	$1.23	$0.52	$0.77
	85%	$2.55	$3.56	$1.02	$1.50	$0.64	$0.94

Off-peak costs per kilowatt-hour are provided on page 7.

BTUs available by energy type

Energy type	BTUs available
Propane	91,600 BTU/gallon
Natural gas	1,000,000 BTU/MCF
Fuel oil	140,000 BTU/gallon
Electricity	3,413 BTU/kWh

Heat efficiencies

Type of heat	Level of efficiency
Resistance heat	100%
Air-to-water heat pump	200%
Cold-climate heat pump	250%
Geothermal heat pump	400%

ENERGY OUTLOOK: WINTER 2024-2025

The chart and comments below are based on the Department of Energy, Energy Information Agency Short-Term Energy Outlook forecast for average heating costs during the 2024-2025 winter.

- Retail energy prices are expected to be less than they were last winter, but temperatures across much of the country are set to be colder this year, causing spending on heating fuels to rise between 2% and 11%, depending on the energy source, this winter.
- National natural gas and propane inventories are approaching normal levels after being above normal for most of the past two years.
- Overall household expenditures are expected to be higher due to the forecast of a colder winter in the Midwest.

Midwest price and expenditure forecast for winter heating fuels

Fuel		22-23 actual	23-24 actual	24-25 forecast	% change
Propane (gallon)	Consumption	665	649	720	11%
	Price	$2.19	$1.89	$1.89	0%
	Total cost	$1,453	$1,228	$1,434	19%
Natural gas (MCF)	Consumption	61	60	63	5%
	Price	$12.04	$9.83	$9.43	-4%
	Total cost	$730	$587	$610	17%
Heating oil (gallon) U.S. avg.	Consumption	400	402	418	4%
	Price	$4.31	$3.50	$3.50	0%
	Total cost	$1,723	$1,410	$1,564	11%

Source: Department of Energy, Energy Information Agency, October 2024

COMPETITIVE RATES

We're dedicated to keeping our prices below state and national averages

Residential rates (cents/kWh)			
	Minnesota	North Dakota	South Dakota
State average	14.25	10.92	12.09
Otter Tail Power Company	11.64	10.41	11.05

Residential rates (cents/kWh)	
United States residential average	15.04
Otter Tail Power Company total system average	11.09

Commercial rates (cents/kWh)			
	Minnesota	North Dakota	South Dakota
State average	12.30	8.45	10.21
Otter Tail Power Company	9.84	7.23	8.06

Commercial rates (cents/kWh)	
United States commercial average	12.41
Otter Tail Power Company total system average	8.62

Source: U.S. Energy Information Administration, Total Electric Industry-Avg. Retail Price, October 2023

*Visit **otpco.com/pricing** for updates on rates and riders.*

COMPETITIVE RATES

The rates per kilowatt-hour (kWh) shown below reflect calculated bill charges for residential and small commercial customers in October 2024 based on typical seasonal monthly use. The cost per kWh is an all-in cost and includes energy, customer, and facilities charges, as well as all applicable riders including cost of energy. Use these when calculating a break-even comparison.

Residential customer costs

Rate name	Code	Average annual kWh use	Typical prices (cents/kWh)		
			MN	ND	SD
Large Dual Fuel	165/170	15,180	0.08192	0.06896	0.07441
Large Dual Fuel with ancillary load	168/169	15,180	0.06330	0.04814	0.05855
Small Dual Fuel	185/190	15,470	0.05969	0.04294	0.05021
Controlled Water Heating	191	2,300	0.10904	0.09172	0.10857
Deferred Load	195/197	13,400	0.07743	0.05915	0.06511
Fixed Time of Service	301/302	15,350	0.05884	0.06261	0.06113

Small commercial customer costs

Rate name	Code	Average annual kWh use	Typical prices (cents/kWh)		
			MN	ND	SD
Large Dual Fuel	165/170	28,401	0.06201	0.05216	0.05610
Large Dual Fuel with ancillary load	168/169	28,401	0.05403	0.04096	0.05127
Small Dual Fuel	185/190	21,730	0.05642	0.03952	0.04614
Controlled Water Heating	191	4,130	0.08580	0.07308	0.08220
Deferred Load	195/197	24,000	0.07012	0.05295	0.05758
Fixed Time of Service	301/302	33,400	0.04494	0.04883	0.04674

Costs per kWh are provided as examples only to show approximate comparisons for off-peak rates.

CALCULATING EQUIVALENT COSTS

The formulas below can be used to calculate the equivalent electricity rate or alternate fuel price.

When comparing the price of electricity—off-peak or firm service—against the cost to heat with an alternate fuel, it's important to factor in equipment efficiency.

Alternative fuel price conversion to electric

Fuel price ÷ Equipment efficiency x 3,413 ÷ Fuel BTU content = Electric rate per kWh

Electricity rate conversion to alternate fuel

Electric rate per kWh x Equipment efficiency x Fuel BTU content ÷ 3,413 = Fuel price per gallon or MCF

BTUs available by energy type

Energy type	BTUs available
Propane	91,600 BTU/gallon
Natural gas	1,000,000 BTU/MCF
Fuel oil	140,000 BTU/gallon
Electricity	3,413 BTU/kWh

An accurate cost comparison must consider equipment efficiency, the total energy cost—including facilities and customer charges on electric and natural gas rates—and delivery and storage costs on delivered fuels such as propane.

For a quick calculation, use the tables on the preceding pages. If you're developing a new construction project, our Energy Management Representatives are happy to work with you. (See page 3.)

BREAK-EVEN PRICE CHART

This chart compares fossil fuels with 100 percent efficient electric technologies at various per kilowatt-hour prices for electricity. For electric technologies with other efficiencies, divide the cost at 100% from this chart by the efficiency of the equipment.

For instance, at $0.0500/kWh, the break-even price of an 80% efficient propane unit compared to a 250% efficient cold-climate heat pump is $1.07/gallon ÷ 2.5 = $0.428/gallon.

Price comparison of fossil fuels with 100 percent efficient electric technologies

Electricity	Propane add ($/gallon)		Natural gas add ($/MCF)		Fuel oil add ($/gallon)	
Price/kWh	Efficiency		Efficiency		Efficiency	
	80%	90%	80%	90%	70%	85%
$0.0300	$0.64	$0.72	$7.03	$7.91	$0.86	$1.05
$0.0325	$0.70	$0.79	$7.62	$8.57	$0.93	$1.13
$0.0350	$0.75	$0.85	$8.20	$9.23	$1.00	$1.22
$0.0375	$0.81	$0.91	$8.79	$9.89	$1.08	$1.31
$0.0400	$0.86	$0.97	$9.38	$10.55	$1.15	$1.39
$0.0425	$0.91	$1.03	$9.96	$11.21	$1.22	$1.48
$0.0450	$0.97	$1.09	$10.55	$11.87	$1.29	$1.57
$0.0475	$1.02	$1.15	$11.13	$12.53	$1.36	$1.66
$0.0500	$1.07	$1.21	$11.72	$13.18	$1.44	$1.74
$0.0525	$1.13	$1.27	$12.31	$13.84	$1.51	$1.83
$0.0550	$1.18	$1.33	$12.89	$14.50	$1.58	$1.92
$0.0575	$1.23	$1.39	$13.48	$15.16	$1.65	$2.00
$0.0600	$1.29	$1.45	$14.06	$15.82	$1.72	$2.09
$0.0625	$1.34	$1.51	$14.65	$16.48	$1.79	$2.18
$0.0650	$1.40	$1.57	$15.24	$17.14	$1.87	$2.27
$0.0675	$1.45	$1.63	$15.82	$17.80	$1.94	$2.35
$0.0700	$1.50	$1.69	$16.41	$18.46	$2.01	$2.44
$0.0725	$1.56	$1.75	$16.99	$19.12	$2.08	$2.53
$0.0750	$1.61	$1.81	$17.58	$19.78	$2.15	$2.62
$0.0775	$1.66	$1.87	$18.17	$20.44	$2.23	$2.70
$0.0800	$1.72	$1.93	$18.75	$21.10	$2.30	$2.79
$0.0825	$1.77	$1.99	$19.34	$21.76	$2.37	$2.88
$0.0850	$1.83	$2.05	$19.92	$22.41	$2.44	$2.96
$0.0875	$1.88	$2.11	$20.51	$23.07	$2.51	$3.05
$0.0900	$1.93	$2.17	$21.10	$23.73	$2.58	$3.14
$0.0950	$2.04	$2.29	$22.27	$25.05	$2.73	$3.31
$0.1000	$2.15	$2.42	$23.44	$26.37	$2.87	$3.49
$0.1050	$2.25	$2.54	$24.61	$27.69	$3.01	$3.66
$0.1100	$2.36	$2.66	$25.78	$29.01	$3.16	$3.84
$0.1150	$2.47	$2.78	$26.96	$30.33	$3.30	$4.01
$0.1200	$2.58	$2.90	$28.13	$31.64	$3.45	$4.18
$0.1250	$2.68	$3.02	$29.30	$32.96	$3.59	$4.36
$0.1300	$2.79	$3.14	$30.47	$34.28	$3.73	$4.53

To find the break-even point for operating a high-efficiency heat pump, use the cost per kilowatt-hour tables on page 7.

Minnesota rebate programs

The following rebates and incentive opportunities are available through the 2024–2026 Minnesota Energy Conservation and Optimization (ECO) plan.

Heat pumps

Documentation of qualifying efficiency ratings may be found through AHRI at **ahridirectory.org.** Indoor and outdoor components must match to qualify for rebates and tax credits. Air-to-water heat pump efficiencies are based on manufacturer specification sheets.

To qualify for our rebates, equipment must meet the performance requirements below. For federal tax credits or incentives, follow the federal Inflation Reduction Act (IRA) rating requirements. Our rebates can be claimed in addition to federal incentives.

Minnesota air conditioner (AC) and heat pump rebates

Type	Configuration	Required ratings*		Rebate
		SEER2	HSPF2	
ENERGY STAR® AC	Ducted/ductless	≥ 15.2	—	$100/unit
Standard heat pump	Ducted/ductless	≥ 14.3	≥ 7.5	$300/ton
Cold-climate heat pump	Ductless	≥ 16.0	≥ 8.0	$600/ton
Cold-climate heat pump	Ducted	≥ 16.0	≥ 8.0	$800/ton

Type	Required ratings	Rebate per ton
Air-to-water	COP ≥1.7 A5W110	$800
Geothermal: Residential	See table on page 11.	$1,200
Geothermal: Commercial		$900

Contractors: *Always provide an AHRI certificate to your customers for tax and rebate documentation.*

Customers: *Always get and keep an AHRI certificate for your new system. Submit copies with your rebate application.*

Federal IRA 25C tax credit requirements

Type	SEER2	EER2	HSPF2	COP at 5°F	Capacity ratio
CCE Tier 1—Path A	≥ 16.0	≥ 9.8	≥ 8.5	≥ 1.75	≥ 60% at 5°F/47°F
CCE Tier 2—Path B	≥ 16.0	≥ 11.0	≥ 8.0	≥ 1.75	≥ 45% at 5°F/47°F

HEAT PUMPS ON ENERGY CONTROL RECEIVE ADDED BENEFITS!

A customer may receive an additional **$40-per-ton rebate** when an ECO rebate-eligible cold-climate or geothermal heat pump is installed on our Dual Fuel, Deferred Load, or RDC Rate, or when a qualified air-to-water heat pump is installed on our Dual Fuel Rate.

- Commercial customers installing **an ECO-eligible heat pump may qualify for financing options in addition to receiving rebates.**
- ECO energy-efficiency rebates won't exceed 75 percent of project costs. Geothermal heat pump rebates won't exceed 50 percent of project costs.
- **For more information please review our rebate guidelines on page 2.**

COLD-CLIMATE HEAT PUMPS (CCHPs)

CCHPs operate at an overall seasonal efficiency of 250 percent or more. They offer customers heating and cooling at a fraction of the cost of fossil fuel systems and deliver comfort down to sub-zero temperatures. **Our rebates combined with federal tax credits make these systems highly cost-effective installations.**

GEOTHERMAL HEAT PUMPS (GHPs)

GHPs are clean, safe, efficient, and environmentally friendly and can deliver four to six units of heat for each unit of energy used. As a result, GHPs can reduce annual heating and cooling costs by up to 70 percent.

Geothermal heat pump ratings

GHP	Loop type	COP	EER
Water to air	Open loop	4.1	21.1
Water to air	Closed loop	3.6	17.1
Water to water	Open loop	3.5	20.1
Water to water	Closed loop	3.1	16.1
Direct exchange	—	3.6	16
GHP single unit ≥ 6 tons	—	3.1	13

AIR-TO-WATER HEAT PUMPS (AWHPs)

AWHPs improve the efficiency of hydronic underfloor heat storage systems by using free energy available in the air and transferring it through water for heating. This makes an AWHP a great option to upgrade the efficiency of an existing hydronic underfloor heating system or for a new system installation where geothermal might not be feasible. When paired with a buffer tank containing transfer coils, an AWHP can provide added savings by preheating domestic hot water.

BUFFER TANK OR DESUPERHEATER

Add a buffer tank to an ECO-qualified AWHP or a desuperheater to an ECO-qualified GHP installation and receive an additional **$200-per-ton rebate** when used for domestic hot water preheating. Buffer tank requires heating coils.

Tonnage based on associated heat pump unit. Limit 20 tons.

HEAT PUMP WATER HEATER

A customer who installs a heat pump water heater can receive a **$200 rebate.**

QUALITY INSTALLATION REBATE

Opportunities for certified HVAC installers: Put your training and expertise to work for your customers while you build your business. Contractors certified through the following are eligible to offer customers Quality installation rebates:

- North American Technician Excellence (NATE).
- Minnesota Air Source Heat Pump Collaborative.
- Manufacturer or distributor sponsored training.
- Similar preapproved certifications.

Visit **otpco.com/certification** *for more information on certification options.*
Be sure to forward your certifications to us to add to our online Find a contractor tool.

A customer can receive an additional rebate of **$200 per ton** for a quality heat pump installation and **$50 per unit** for a quality air-conditioner installation. Applies to central or ductless mini-split systems.

HEAT PUMP AND AIR-CONDITIONING MAINTENANCE TUNE UP

A residential or commercial customer can receive a **$150 rebate** for a heat pump tune up and a **$75 rebate** for an air-conditioner tune up. A tune up must be completed by a licensed contractor and include coil cleaning, refrigeration charge check, air filter cleaning, and air flow measurement and correction if not done by homeowner or contractor at equipment installation. A customer can receive one rebate for each account once every ten years.

Electric water heating

A customer that installs a new electric water heater with a uniform energy factor (UEF) of .90 or higher may qualify for a controlled water heater rebate when it's served on our Deferred Load, Dual Fuel, Controlled Water Heating, or Residential Demand Control Rate. Firm service rates also may qualify when an energy control device is connected.

Receive a $10-per-month bill credit. A customer may choose to connect a radio receiver to their firm service electric panel to avoid the cost of adding an additional service panel and meter.

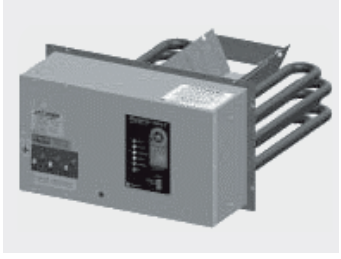
Application/size	Kilowatt requirements	Conditions	Rebate
≥ 80-gallon tank	Minimum of 4.5 kW	New controlled load	$400
≥ 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	New controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$100
Minimum 120-gallon storage capacity, heavy duty commercial	Minimum of 12 kW	New or replacement controlled load; $5,000 maximum rebate	$50/kW

Contractors: We don't unlock water heaters. Be sure you have access to electronic or manual keys for the specific brand of water heater sold before installing a locked grid-enabled water heater.

Rebate information on heat pump water heaters can be found on page 16. Controlled service isn't required for a heat pump water heater rebate.

Electric heating technology rebates

Rebates are available for electric heating technologies when a minimum of 9 kilowatts (kW) is permanently connected and served through our Dual Fuel or RDC Rate.



- Receive a **$20-per-kW rebate** for baseboard, cove heat, garage unit heater, or radiant electric heating including floor warming.*
- Receive a **$40-per-kW rebate** for an electric plenum heater, electric boiler, ducted electric furnace, ECO-qualified cold-climate or geothermal heat pump, or electric cable or panel storage heating system.**
- Rebate for electric cable or panel storage heating is limited to Dual Fuel Rate installations only. For RDC Rate installations see our thermal-storage rebate on page 14.

**Floor warming is nonstorage heating placed beneath flooring material.*

***Electric cable or panel storage heating is limited to installations under new construction slab foundations.*

Thermal-storage technologies

A **$75-per-kilowatt (kW) rebate** is available for thermal-storage technologies served on our Deferred Load, RDC, or Fixed Time of Service Rates.

A system must have adequate capacity to heat or cool the space during the maximum control period allowed by the rate to qualify for a rebate. An underfloor system requires a sand base to serve as a heat sink. Qualifying projects must be new installations and a minimum of 9 kW in size.

In combined thermal-storage/heat pump systems, a customer will receive an additional **$40-per-ton rebate** for an ECO rebate-qualified cold-climate or geothermal heat pump installed on our Deferred Load or RDC Rate. **This rebate may be combined with efficiency rebates offered through our heat pump program.**

Eligible storage applications include:

- Central furnaces.
- Room units.
- Underfloor cable or panel systems embedded in sand.
- Electric boilers installed to serve underfloor hydronic systems embedded in sand.
- Ice storage applications.

Cool*Savings* AC cycling

CoolSavings cycled air-conditioning control helps our company manage summer electricity demand. Systems are cycled on and off every 15 minutes during peak events June through September. Setup is free when authorized by the property owner.

- Central air conditioners or heat pumps served through a qualified general service or RDC meter are eligible.
- Systems served through our Deferred Load or Dual Fuel Rates don't qualify.

RESIDENTIAL CUSTOMERS

Receive an average credit of **$8.25 each month** or $33 per season (June through September).

COMMERCIAL CUSTOMERS

Receive an average credit of **$6 per ton** of connected cooling load per month June through September.

Operational notes

Please review rate details on page 47 and notices regarding equipment restart delay and low-voltage control strategy on page 55.

Find enrollment forms at **otpco.com/CoolSavings.**

Residential insulation

Customers who use electricity as their main heat source in their homes may receive **up to $2,800 in rebates** on the cost to purchase and install qualifying insulation improvements. Rebates include:

- **Up to $1,000** for attic bypass sealing and insulation.
- **Up to $1,000** for upgraded wall insulation.
- **Up to $800** for air sealing and weather stripping.

Rebate is based on 40 percent of material and installation costs. Homes must achieve qualifying R values. Rebate forms must include type and quantity of insulation installed, description of existing insulation, location in the home where insulation was added, R-value reached after installation, and name of the installer. Rebates can be combined with federal tax credits for 30 percent of the cost of materials up to $1,200. Program excludes new residential construction.

Window rebates

Customers who use electricity as their main heat source in their homes may receive a **$25 rebate** per window meeting ENERGY STAR® Version 7.0 Northern Climate Zone requirements. Both new construction and retrofits are eligible.

Window rebates

Measure	Minimum efficiency requirements	
Window replacement	**ENERGY STAR® Version 7.0 Northern Climate Zone**	
U-factor	**Solar heat gain coefficient**	**Qualification**
≤ 0.22	≥ 0.17	ENERGY STAR® Northern Climate Zone
0.23	≥ 0.35	Equivalent energy rating
0.24		
0.25	≥ 0.40	
0.26		

Appliance rebates

Receive rebates on eligible, standard-sized ENERGY STAR®-rated appliances. Eligible appliances include:

Appliance rebates

Rebate	Appliance
$200	Heat pump water heater
$50	Refrigerator
$50	Chest or upright freezer
$50	Dishwasher
$50	Clothes washer
$50	Electric clothes dryer
$50	Heat pump clothers dryer
$50	Induction cooktop or range with induction cooktop
$25	Air purifier
$25	Dehumidifier

Limit one rebate per appliance type.
Compact refrigerators and freezers less than 7.5 cubic feet don't qualify.
Dehumidifiers must have a minimum capacity of 50 pints per day.

Appliance recycling

Customers may recycle **up to two old, but working, refrigerators or freezers per year**. During the same appointment a customer also may recycle a working, but inefficient, window air conditioner and dehumidifier. Pickup is free with service available May 1 through October 31.

Appliance recycling rebates

Rebate	Appliance
$50	Refrigerator 10 cubic feet and larger
$50	Freezer 10 cubic feet and larger
$25	Window air conditioner (limit 2)
$10	Dehumidifier (limit 2)

*Visit **otpco.com/ApplianceRecycling** for more information about scheduling a pickup.*

Electric equipment rebates

Customers who purchase new electric technologies can receive rebates.

Residential new electric equipment	Rebate per unit
Push lawnmower	$250
Riding lawnmower	$750
Snow blower	$150
Lawn tools (weed trimmer, leaf blower)	$25

Commercial new electric equipment	Rebate per unit
School bus	$5,000
Push lawnmower	$100
Riding lawnmower	$500
Forklift: Under 6,000-pound lifting capacity	$2,500
Forklift: Over 6,000-pound lifting capacity	$3,000

Electric vehicle rebates

A customer who purchases an electric vehicle (EV) from a qualified dealer can receive a rebate that may be combined with federal tax credits. Rebate levels are as follows:

Electric vehicle type	Rebate per vehicle	Federal tax credit per vehicle*
New Battery Electric Vehicle (BEV)	$3,000	$7,500
New Plug-in Hybrid Electric Vehicle (PHEV)	$1,500	$7,500
Used Battery Electric Vehicle (BEV)	$1,500	$4,000
Used Plug-in Hybrid Electric Vehicle (PHEV)	$750	$4,000

Review IRS guidelines to confirm electric vehicle federal tax credit amounts. Vehicle eligibility is continually updated based on manufacturer production changes. Visit **irs.gov/clean-vehicle-tax-credits for more information.*

Note: Used electric vehicles must be purchased from a licensed dealer to be eligible for rebates. Private-to-private sales aren't eligible. For a review of EV usage costs, see page 64.

Electric vehicle charging station

A customer installing a Level 2 electric vehicle charging station as permanently connected load on an eligible rate may qualify for a **$500 rebate**. Our rebate can be combined with a federal tax credit for 30 percent of costs up to $1,000. Eligible rates include Dual Fuel, Deferred Load, Fixed Time of Service, RDC, and our Electric Vehicle Charging Rate. See page 52.

Smart thermostats

A residential customer who installs a qualified Tier II or Tier III smart thermostat may receive a rebate. Rebate level is dependent on thermostat communication capabilities (tier level) and use of electricity for heating and/or cooling. **Only one rebate per household.** Rebate may not exceed the thermostat invoice amount.

- Rebates of **$100 for Tier II and $150 for Tier III** qualifying smart thermostats are available to customers who use central heating electric technologies including air-source heat pumps, geothermal heat pump systems, plenum heaters, and boilers.
- Rebates of **$100 for Tier III** qualifying **line voltage** smart thermostats are available to customers who use non-central heating electric technologies as their primary heat source, including baseboard.
- Rebates of **$35 for Tier II and $50 for Tier III** qualifying smart thermostats are available to customers with electric cooling but without electric heating.

*Find the current list of qualifying smart thermostat models online at **otpco.com/SmartThermostats.***

Lighting

Customers that install energy-efficient lighting technologies may qualify for rebates as shown in the tables on the following page.

- Preapproval is required for rebates exceeding $4,500.
- LED exit lighting doesn't qualify for new construction lighting rebates.

Commercial customers may qualify for all rebates. Rebates for lighting controls are based on total wattage of lighting load connected to the control technology.

Residential customers may qualify for hardwired retrofit replacement lighting and new construction lighting rebates when rebate amount exceeds $20. Screw-in lighting rebates for retrofit and new construction aren't available except through point-of-sale rebates at participating retail stores.

In-store rebates are available through select retailers in our area, resulting in greatly discounted purchase prices. No paperwork required! Visit **otpco.com/LEDs.**

For more information about fluorescent lamps, high-intensity discharge (HID) lamps and ballasts, and disposal requirements, contact your local county recycling offices.

Or, in Minnesota, call the Minnesota Pollution Control Agency at **800-657-3864**.

Replacement lighting

Existing	Replaced with	Rebate per watt saved
Low-efficiency incandescent	Screw-in LED indoor (with and without removal prevention devices)	20¢
	Screw-in LED outdoor (with and without removal prevention devices)	10¢
	Hard-wired LED indoor	60¢
	Hard-wired LED outdoor	40¢
Low-efficiency fluorescent	Hard-wired LED	60¢
Standard T8 fluorescent lamps	LED lamp-only retrofit	40¢
Mercury-vapor lamps	Hard-wired LED indoor	60¢
	Hard-wired LED outdoor	40¢
	Screw-in LED indoor	40¢
	Screw-in LED outdoor	20¢
Standard HID	Hard-wired LED indoor	60¢
	Hard-wired LED outdoor	40¢
	Screw-in LED indoor	40¢
	Screw-in LED outdoor	20¢
Exit lighting fixtures	High-efficiency exit lighting (based on maximum demand reduction of 20 watts/fixture)	60¢
Occupancy/daylight sensing controls		$200/connected kW
Luminaire level lighting controls		$200/connected kW

New construction lighting systems

Installed lighting	Wattage	Rebate per unit
LED fixtures (indoor)	<30	$15.00
	30 to 49	$25.00
	50 to 79	$35.00
	80 to 99	$50.00
	>99	$75.00
LED fixtures (outdoor)	<30	$10.00
	30 to 49	$15.00
	50 to 79	$20.00
	80 to 99	$25.00
	>99	$30.00
LED screw-in (indoor)	<10	$1.25
	10 to 24	$3.50
	25 to 49	$8.00
	50 to 75	$13.50

Installed lighting	Wattage	Rebate per unit
LED screw-in (outdoor)	<10	$1.00
	10 to 24	$1.50
	25 to 49	$3.50
	50 to 75	$6.00
LED agricultural (indoor)	100 to 149	$85.00
	150 to 199	$125.00
	200 to 249	$175.00
	250 to 299	$200.00
	>200	$250.00
Controls (motion/daylight sensors)		$200/connected kW
Luminaire level lighting controls		$200/connected kW

**Screw-in bulb rebates are available for commercial customers only.*

Drive Power

ADJUSTABLE-SPEED DRIVES (ASDs)

Reduce energy use up to 50 percent by installing an ASD to match motor speed to the requirements of a fluctuating load.

- **$60-per-horsepower rebate** for nonseasonal centrifugal applications.
- **$40-per-horsepower rebate** for seasonal and HVAC centrifugal applications.

System designer or installing contractor must ensure the entire facility complies with the IEEE Standard 519 after completion of the ASD installation or retrofit. Failure to comply with this rule may result in disqualification of any rebate request.

ELECTRONICALLY COMMUTATED MOTORS (ECMs)

Rebates are available for commercial customers that retrofit existing exhaust and HVAC fans with energy-efficient ECMs. Rebate is based on motor horsepower.

ECM rebate

Horsepower	Rebate
0.125	$15
0.25	$30
0.33	$50
0.50	$70
0.75	$100
1.0	$125
1.5	$175

HAND DRYERS

A commercial customer who purchases an electric hand dryer can receive a **rebate of $250 per dryer.** Hand dryers must operate without electric heating elements to qualify.

MOTORS

Our motor rebate program encourages industrial, commercial, and agricultural customers to purchase energy efficient new, replacement, or retrofit motors.

- 2007 EISA legislation set NEMA Premium® as the efficiency standard for 1 horsepower to 200 horsepower totally enclosed fan-cooled (TEFC) and open drip-proof (ODP) motors manufactured after December 2010.
- Motor efficiency **must exceed** NEMA Premium® efficiency to qualify for rebates for new motors and replacement of nonoperating motors.
- TEFC and ODP motors replaced prior to failure **must meet** NEMA Premium® efficiency levels to qualify for rebates.
- Certain qualified motors may have limited availability in the market.

Totally enclosed fan-cooled motor rebates

HP	Percent rated efficiency 1200 RPM		Percent rated efficiency 1800 RPM		Percent rated efficiency 3600 RPM		Rebate per motor
	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	
1	84.0	82.5	86.5	85.5	78.5	77.0	$40
1.5	88.5	87.5	87.5	86.5	85.5	84.0	$60
2	89.5	88.5	87.5	86.5	86.5	85.5	$80
3	90.2	89.5	90.2	89.5	87.5	86.5	$90
5	90.2	89.5	90.2	89.5	89.5	88.5	$150
7.5	91.7	91.0	92.4	91.7	90.2	89.5	$230
10	91.7	91.0	92.4	91.7	91.0	90.2	$300
15	92.4	91.7	93.0	92.4	91.7	91.0	$450
20	92.4	91.7	93.6	93.0	91.7	91.0	$600
25	93.6	93.0	94.1	93.6	92.4	91.7	$600
30	93.6	93.0	94.1	93.6	92.4	91.7	$700
40	94.5	94.1	94.5	94.1	93.0	92.4	$800
50	94.5	94.1	95.0	94.5	93.6	93.0	$1,000
60	95.0	94.5	95.4	95.0	94.1	93.6	$1,100
75	95.0	94.5	95.8	95.4	94.1	93.6	$1,200
100	95.4	95.0	95.8	95.4	94.5	94.1	$1,600
125	95.4	95.0	95.8	95.4	95.4	95.0	$2,000
150	96.2	95.8	96.2	95.8	95.4	95.0	$2,400
200	96.2	95.8	96.5	96.2	95.8	95.4	$2,800
250	95.8	95.8	96.2	96.2	95.8	95.8	$3,500
300	95.8	95.8	96.2	96.2	95.8	95.8	$4,200
350	95.8	95.8	96.2	96.2	95.8	95.8	$4,200
400	95.8	95.8	96.2	96.2	95.8	95.8	$5,000
450	95.8	95.8	96.2	96.2	95.8	95.8	$6,000
500	95.8	95.8	96.2	96.2	95.8	95.8	$7,000

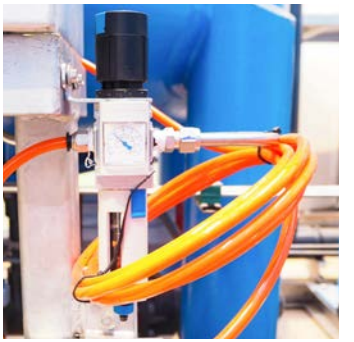
Open drip-proof motor rebates

HP	Percent rated efficiency 1200 RPM		Percent rated efficiency 1800 RPM		Percent rated efficiency 3600 RPM		Rebate per motor
	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	
1	84.0	82.5	86.5	85.5	78.5	77.0	$40
1.5	87.5	86.5	87.5	86.5	85.5	84.0	$60
2	88.5	87.5	87.5	86.5	86.5	85.5	$80
3	89.5	88.5	90.2	89.5	86.5	85.5	$90
5	90.2	89.5	90.2	89.5	87.5	86.5	$150
7.5	91.0	90.2	91.7	91.0	89.5	88.5	$230
10	92.4	91.7	92.4	91.7	90.2	89.5	$300
15	92.4	91.7	93.6	93.0	91.0	90.2	$450
20	93.0	92.4	93.6	93.0	91.7	91.0	$600
25	93.6	93.0	94.1	93.6	92.4	91.7	$600
30	94.1	93.6	94.5	94.1	92.4	91.7	$700
40	94.5	94.1	94.5	94.1	93.0	92.4	$800
50	94.5	94.1	95.0	94.5	93.6	93.0	$1,000
60	95.0	94.5	95.4	95.0	94.1	93.6	$1,100
75	95.0	94.5	95.4	95.0	94.1	93.6	$1,200
100	95.4	95.0	95.8	95.4	94.1	93.6	$1,600
125	95.4	95.0	95.8	95.4	94.5	94.1	$2,000
150	95.8	95.4	96.2	95.8	94.5	94.1	$2,400
200	95.8	95.4	96.2	95.8	95.4	95.0	$2,800
250	95.4	95.4	95.8	95.8	95.0	95.0	$3,500
300	95.4	95.4	95.8	95.8	95.4	95.4	$4,200
350	95.4	95.4	95.8	95.8	95.4	95.4	$4,200
400	95.8	95.8	95.8	95.8	95.8	95.8	$5,000
450	96.2	96.2	96.2	96.2	95.8	95.8	$6,000
500	96.2	96.2	96.2	96.2	95.8	95.8	$7,000

Explosion-proof motor rebates

HP	Percent rated efficiency 1200 RPM	Percent rated efficiency 1800 RPM	Percent rated efficiency 3600 RPM	Rebate per motor
1	82.5	84.0	76.0	$40
1.5	86.5	84.0	84.0	$60
2	85.5	85.5	84.0	$80
3	87.5	85.5	85.5	$90
5	88.5	88.5	86.5	$150
7.5	90.0	90.0	86.5	$230
10	90.0	90.0	89.5	$300
15	91.0	91.7	90.2	$450
20	90.0	91.7	90.2	$600
25	92.0	93.0	91.0	$600
30	92.4	93.0	91.0	$700
40	93.6	93.6	92.0	$800
50	93.6	93.6	92.4	$1,000
60	94.1	94.0	93.0	$1,100
75	94.0	94.5	93.6	$1,200
100	94.5	94.5	93.6	$1,600
125	94.5	95.0	94.1	$2,000
150	95.0	95.4	94.1	$2,400
200	95.0	95.8	95.0	$2,800
250	95.0	95.0	95.0	$3,500
300	95.0	95.4	95.4	$4,200

Compressed-air efficiency



Often referred to as the fourth utility in industrial plants, compressed-air systems typically operate at just 10 percent to 15 percent efficiency, making compressed-air production one of the most energy-intensive and costly operations in many industrial settings.

Rebates are available for audits of commercial compressed-air systems to improve efficiency.

Compressed-air efficiency rebates

System	Rebate
No-loss drains	$150 per drain
Efficient compressors <50 HP	$200 per HP
Flow controllers	$2,500 per controller
Low-pressure drop filters	$3-per-compressor horsepower
Storage tanks	$20-per-compressor horsepower
Leak studies >50 HP	50% of cost up to $3,000
Compressed-air recommissioning study	100% of cost up to $10,000
Compressed-air audit	50% of cost up to $10,000

Contact our Energy Management Representatives or Industrial Service Engineers listed on page 3 for information about studies.

Commercial refrigeration

Commercial refrigeration rebates are available for qualifying high-efficiency refrigeration technologies including LED display case lighting, condenser systems, subcooling systems, refrigerated display cases, strip curtains, night shades, and air-circulation systems. **Rebates apply to new and retrofit applications unless otherwise noted.**

Commercial refrigeration rebates

Case measures	Incentive
Antisweat heater control (retrofit)	$20/linear ft. of case
Antisweat heater control—condenser-based	$40/linear ft. of case
Case lighting controls (retrofit)	$60/linear ft. of case
Door addition to open cases—cooler (retrofit)	$50/linear ft. of case
Door addition to open cases—freezer (retrofit)	$75/linear ft. of case
High evaporator temperature cases	$20/linear ft. of case
High-efficiency glass doors	$40/linear ft. of case
LED lighting—low-temp	$100/door
LED lighting—mid-temp	$100/door
Night shades—coolers and freezers	$20/linear ft. of case
Replace island case—multideck with doors (retrofit)	$45/linear ft. of case
Thermal expansion valve (TXV) to electronic expansion valve (EEV)	$15/total rack HP

Condenser measures	Incentive
Adiabatic condensers (new)	$45/total rack HP
Low-speed condenser fans (new)	$165/total rack HP
Preservation of condenser subcooling (retrofit)	$40/HP
Solid-state condenser fan controls (retrofit)	$50/HP

Fan motor measures	Incentive
High-efficiency evaporator fan motor (new)	$10/motor
High-efficiency evaporator fan motor (retrofit)	$40/motor
Permanent magnet fan motor (new)	$10/motor
Permanent magnet fan motor (retrofit)	$40/motor

Compressor measures	Incentive
Conversion to solid-state compressor controls (retrofit)	$50/HP
Digital capacity modulation	$30/total rack HP
Floating head pressure on rack (retrofit)	$25/HP
Floating head pressure (stand alone)	$60/HP
Parallel rack (retrofit)	$100/HP

Other measures	Incentive
Outdoor air cooling (natural cool)	$2/cfm airflow
Strip curtains—coolers and freezers	$8.50/square ft. of curtain

Preventive maintenance discounts

Compressor horsepower serviced	Customer price	Maximum reimbursement
1 to 30 HP	$29.95	$525
31 to 100 HP	$39.95	$800
101 to 200 HP	$49.95	$1,050

Refrigeration optimization

This program focuses on customers operating large refrigeration systems with digital control capability. We'll assess savings based on system size, control setting opportunities, and other system characteristics.

Eligible customers can expect to reduce energy costs significantly and improve reliability of refrigeration systems.

We'll reimburse eligible customers up to **$10,000 toward the cost of a refrigeration optimization study** and up to **$2,500 toward expenses** for contractor services to implement control setpoint changes. Customers must use our program study provider and receive prior approval to ensure reimbursement.

Commercial food service equipment

Commercial food service equipment rebates are available for ENERGY STAR® electric appliances, including food-holding cabinets, ovens, cooktops, griddles, dishwashers, refrigerators, electric steamers, freezers, and ice machines.

Electric kitchen equipment often provides a competitive advantage over alternate fuels by improving the cooking process, increasing production, improving food and air quality, and reducing kitchen safety hazards.

Commercial food service equipment rebates

Item	Rebate/unit
Electric hot food holding cabinets (HFHC)	
Full size (20 cubic feet)	$400
3/4 size (12 cubic feet)	$300
Half size (8 cubic feet)	$200
Electric ovens, cooktops, and griddles	
Combination oven	$700
Convection oven	$75
Electric fryer or griddle	$200
Dishwasher (electric water heater required)	
High temp booster heater (electric only)	$200
Low temp	$400
Under-counter units	$50
Refrigerator	
Less than 30 cubic feet	$25
30 cubic feet and larger	$75
Miscellaneous	
Electric steamer	$600
Freezer	$75
Ice machine	$75

Publicly Owned Property (POP) Solar

We offer our Publicly Owned Property Solar program to eligible public entities including public education facilities and city, county, or tribal governments. This program is designed to showcase the benefits of solar photovoltaic (PV) generation and support projects that assist local communities. Federal and state incentives can combine with our rebate to reduce or eliminate upfront costs.

POP Solar projects may qualify for an incentive of **$1,500-per-kilowatt AC** of nameplate-generating capacity, and up to 50 percent of project installation costs for qualifying solar PV projects.

To qualify, customers must:

- Participate in energy-efficiency projects including implementing any with a simple payback of two years or less based on an assessment by our company of onsite energy-efficiency opportunities.
- Submit cost-effectiveness evaluation of the proposed solar PV installation.
- Use North American Board of Certified Energy Practitioners (NABCEP) certified solar PV installers.
- Develop a community/school/campus awareness, participation, and educational integration plan.
- Select a site that offers optimal solar PV generation potential to maximize the benefits of distributed solar PV installations across our company's Minnesota service area.
- Agree to transfer the renewable energy credits (RECs) from the POP Solar installation to our company.

Our POP Solar rebate may be combined with Solar for School and federal Inflation Reduction Act incentives, which include direct payment options to nonprofit organizations.

Custom efficiency project grants

Custom efficiency project grants help customers make efficiency upgrades that benefit their unique business operations. Eligible applications that may qualify include but aren't limited to:

- Air compressors
- Chillers
- Process improvements
- Commercial electric cooking equipment
- Heat-recovery systems
- Building envelope improvements

Grants are calculated based on kilowatt-hours of energy saved, kilowatts of demand reduced, and project costs. Thorough documentation is required for proper evaluation prior to approval. Incentives for grant projects may be capped.

Integrated Building Design Plus

Our FREE design assistance program allows qualifying building owners, architectural and engineering firms, and developers to participate in an integrated design process that puts energy efficiency at the forefront of plans for new construction.

Buildings must be at least 5,000 square feet and exceed baseline energy efficiency by 5 percent to qualify. Benefits include:

- Free computerized energy-use modeling of design alternatives.
- Reimbursements to your architectural and design teams for time commitments.
- Cash incentives for incorporating energy efficiency into your final building design.
- Review of construction documents to ensure that your final building plans reflect intended efficiency.
- Verification to confirm that your building has been constructed to meet intended efficiency levels.
- Assistance for design professionals in optimizing geothermal heating and cooling opportunities.

The best opportunity to impact the energy use of your new building is during the design phase.

Recommissioning energy studies

Recommissioning and retrocommissioning, both commonly referred to as RCx, are processes that ensure specific building systems perform interactively according to the design intent and the owner's operational needs.

Note: Commercial compressed-air system and refrigeration studies are also available. See pages 24 and 25 for details.

Recommissioning ensures that a previously commissioned building is running at optimal performance.

Retrocommissioning involves tuning up an existing building that never was commissioned formally after construction. The retrocommissioning process identifies less-than-optimal performance in an existing facility's HVAC systems and identifies cost-effective energy-saving adjustments.

Several program options are offered. **Pre-approval is required.**

TRADITIONAL RCx

Traditional RCx is a six-month or longer study process to gather data on energy-using systems in a commercial building.
The benefits include:

- **A rebate of 30 percent of the RCx study cost and $400 per kilowatt saved, up to $20,000,** for eligible customers upon implementation of required measures.
- Potential energy cost savings up to 20 percent.
- A more comfortable facility with fewer occupant complaints.
- Longer equipment life.
- A detailed building assessment completed by a qualified engineering professional.

Eligible buildings must contain at least 50,000 square feet of conditioned space.

TURNKEY RCx

Turnkey RCx identifies energy-saving projects and ensures that upgrades are completed on time, so savings of up to 20 percent on energy bills begin rapidly. The cost of approved Turnkey RCx studies are reimbursed as follows:

- **First half paid** when the study is completed.
- **Second half paid** when implementation of all required efficiency improvements are successfully completed.

Eligible buildings must contain at least 50,000 square feet of conditioned space.

Contact your Energy Management Representative or Industrial Services Engineer (see page 3) early in the development of your project to learn more about these programs.

RCx LITE

RCx Lite offers lower study costs and a shorter timeline with reduced energy-saving requirements. RCx Lite measures may include tuning set points, optimizing controls, and using low/no cost upgrades capable of achieving savings of 3 percent to 12 percent in most facilities. RCx Lite offers:

- Savings of up to 75 percent of those achieved in a traditional, but more costly RCx study—often for as little as 25 percent of the cost.
- A rebate of 50 percent of the cost of the RCx Lite study up to a maximum of $10,000 upon completion of required measures.

Eligible buildings must have 25,000 to 50,000 square feet of conditioned space.

TURNKEY RCx LITE

This is a fast-track, low-risk program to help building owners capture energy savings from existing building equipment and operations.

- Customers often cut 5 percent to 10 percent of energy costs by participating.
- A rebate up to $9,500 per participant can cover 100 percent of the program cost.

Eligible buildings must have a digital control of their building's HVAC equipment via a building automation system (BAS).

North Dakota rebate programs

The following rebates and incentive opportunities are available through our 2025 off-peak program offerings.

Heat pumps

Documentation of qualifying efficiency ratings may be found through AHRI at **ahridirectory.org.** Indoor and outdoor components must match to qualify for tax credits. Air-to-water heat pump (AWHP) efficiencies are based on manufacturer specification sheets.

To qualify for our rebates, equipment must meet the rebate requirements below. For federal tax credits or incentives, follow the federal Inflation Reduction Act (IRA) rating requirements. Our rebates can be claimed in addition to federal incentives when federal IRA requirements are met.

North Dakota heat pump rebates

Heat pump type	Eligible rates	Rebate per ton	
Cold-climate ducted	Dual Fuel, Deferred Load, or RDC Rate	$600	HSPF2 ≥ 7.5
Cold-climate ductless		$400	HSPF2 ≥ 7.5
Geothermal		$700	—
Air-to-water	Dual Fuel Rate	$400	COP ≥1.7 A5W110

Federal IRA 25C tax credit requirements

Type	SEER2	EER2	HSPF2	COP at 5°F	Capacity ratio
CCE Tier 1—Path A	≥ 16.0	≥ 9.8	≥ 8.5	≥ 1.75	≥ 60% at 5°F/47°F
CCE Tier 2—Path B	≥ 16.0	≥ 11.0	≥ 8.0	≥ 1.75	≥ 45% at 5°F/47°F

Contractors: *Always provide an AHRI certificate to your customers for tax and rebate documentation.*

Customers: *Always get and keep an AHRI certificate for your new system. Submit copies with your rebate application.*

To qualify for a rebate:

- A cold-climate or geothermal heat pump system must be served on our Dual Fuel, Deferred Load, or RDC Rate.
- An air-to-water heat pump must be on our Dual Fuel Rate.
- Units must be subject to control according to the rate.
- Systems must be designed to meet heating requirements.
- Rebates totaling more than $10,000 require prior approval and evaluation.
- See page 2 to learn more about applying for our rebates.

COLD-CLIMATE HEAT PUMPS (CCHPs)

CCHPs operate at an overall seasonal efficiency of 250 percent or more. They offer customers heating and cooling at a fraction of the cost of fossil fuel systems. Our rebates make these systems cost effective to install and their hyper-efficient operation delivers comfort down to sub-zero temperatures.

GEOTHERMAL HEAT PUMPS (GHPs)

GHPs are clean, safe, efficient, and environmentally friendly and can deliver four to six units of heat for each unit of energy used. As a result, GHPs can reduce annual heating and cooling costs by up to 70 percent.

GHPs must be installed on an eligible off-peak rate to qualify for our rebate.

GHPs must meet ENERGY STAR® requirements at time of installation to qualify for IRA benefits.

AIR-TO-WATER HEAT PUMPS (AWHPs)

AWHPs improve the efficiency of hydronic underfloor heat storage systems by using free energy available in the air and transferring it through water for heating. This makes an AWHP an option to upgrade the efficiency of an existing hydronic underfloor heating system or for a new system installation. Systems can include electric resistance backup heating for the coldest weather. And when paired with a buffer tank, an AWHP provides added savings by preheating domestic hot water.

Thermal-storage technologies

A **$75-per-kilowatt rebate** is available for installation of **up to 500 kilowatts** of thermal-storage applications served on our Deferred Load, RDC, or Fixed Time of Service Rate.

A system must have adequate capacity to heat or cool the space during the maximum control period allowed by the rate to qualify for a rebate. An underfloor system requires a sand base to serve as a heat sink. Qualifying projects must be new installations and a minimum of 9 kilowatts in size.

In combined thermal-storage/air-source heat pump systems, the thermal-storage rebate applies only to the thermal-storage load. Heat pumps may be rebated separately.

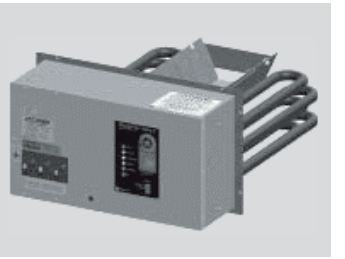
Rebates totaling more than $10,000 require prior approval.

Eligible applications include:

- Central furnaces.
- Room units.
- Underfloor cable or panel systems embedded in sand.
- Electric boilers installed to serve underfloor hydronic systems embedded in sand.
- Ice storage applications.

Electric heating technology rebates

Rebates are available for electric heating technologies when a minimum of 9 kilowatts (kW) is permanently connected and served through our Dual Fuel or RDC Rate.



- Receive a **$20-per-kW rebate** for baseboard, cove heat, garage unit heater, or radiant electric heating including floor warming.*
- Receive a **$40-per-kW rebate** for an electric plenum heater, electric boiler, ducted electric furnace, or electric cable or panel storage heating system.**
- Rebate for electric cable or panel storage heating is limited to Dual Fuel Rate installations only. For RDC Rate installations see our thermal-storage rebate on page 31.

**Floor warming is nonstorage heating placed beneath flooring material.*
***Electric cable or panel storage heating is limited to installations under new construction slab foundations.*

Rebates totaling more than $10,000 require prior approval.

Electric water heating

A customer that installs a new electric water heater with a uniform energy factor (UEF) of .90 or higher may qualify for a controlled water heater rebate when it's served on our Deferred Load, Dual Fuel, Controlled Water Heating, or Residential Demand Control Rate. Firm service rates also may qualify when a control device is connected.

Receive an $8-per-month bill credit. A customer may choose to connect a radio receiver to their firm service electric panel to avoid the cost of adding an additional service panel and meter.

Controlled water heating rebates

Application/size	Kilowatt requirements	Conditions	Rebate
≥ 80-gallon tank	Minimum of 4.5 kW	New controlled load	$400
≥ 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	New controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$100
Minimum 120-gallon storage capacity, heavy duty commercial	Minimum of 12 kW	New or replacement controlled load; $5,000 maximum rebate	$50/kW

Contractors: We don't unlock water heaters. Be sure you have access to electronic or manual keys for the specific brand of water heater sold before installing a locked grid-enabled water heater.

Electric vehicle charging station

A customer installing a Level 2 electric vehicle charging station as permanently connected load on an eligible rate may qualify for a **$500 rebate.** Our rebate can be combined with a federal tax credit for 30 percent of costs up to $1,000. Eligible rates include Dual Fuel, Deferred Load, Fixed Time of Service, and RDC.

Cool*Savings* AC cycling

CoolSavings cycled air-conditioning control helps our company manage summer electricity demand. Systems are cycled on and off every 15 minutes during peak events June through September. Setup is free when authorized by the property owner.

- Central air conditioners or heat pumps served through a qualified general service or RDC meter are eligible.
- Systems served through our Deferred Load or Dual Fuel Rates don't qualify.

RESIDENTIAL CUSTOMERS

Receive an average credit of **$8.25 each month or $33 per season** (June through September).

COMMERCIAL CUSTOMERS

Receive an average credit of **$6 per ton** of connected cooling load per month June through September.

*Find enrollment forms at **otpco.com/CoolSavings**.*

Operational notes

Please review rate details on page 47 and notices regarding equipment restart delay and low-voltage control strategy on page 55.

South Dakota rebate programs

The following rebates and incentive opportunities are available through the 2025 South Dakota Energy Efficiency Partnership (EEP) and our off-peak program offerings.

Heat pumps

Documentation of qualifying efficiency ratings may be found through AHRI at **ahridirectory.org.** Indoor and outdoor components must match to qualify for rebates and tax credits. Air-to-water heat pump (AWHP) efficiencies are based on manufacturer specification sheets.

To qualify for our rebates, equipment must meet the performance requirements below. For federal tax credits or incentives, follow the federal Inflation Reduction Act (IRA) rating requirements.

Our rebates can be claimed in addition to federal incentives.

South Dakota air conditioner (AC) and heat pump rebates

Type	Configuration	Required ratings		Rebate
		SEER2	HSPF2	
ENERGY STAR® AC	Ducted/ductless	≥ 15.2	—	$100/unit
Standard heat pump	Ducted/ductless	≥ 14.3	≥ 7.5	$300/ton
Cold-climate heat pump	Ductless	≥ 16.0	≥ 8.0	$500/ton
Cold-climate heat pump	Ducted	≥ 16.0	≥ 8.0	$700/ton

Type	Required ratings	Rebate per ton
Air-to-water	COP ≥1.7 A5W110	$800
Geothermal: Residential	See table on page 35.	$1,100
Geothermal: Commercial		$900

Federal IRA 25C tax credit requirements

Type	SEER2	EER2	HSPF2	COP at 5°F	Capacity ratio
CEE Tier 1—Path A	≥ 16.0	≥ 9.8	≥ 8.5	≥ 1.75	≥ 60% at 5°F47°F
CEE Tier 1—Path B	≥ 16.0	≥ 11.0	≥ 8.0	≥ 1.75	≥ 45% at 5°F/47°F

Contractors: *Always provide an AHRI certificate to your customers for tax and rebate documentation.*

Customers: *Always get and keep an AHRI certificate for your new system. Submit copies with your rebate application.*

HEAT PUMPS ON ENERGY CONTROL RECEIVE ADDED BENEFITS!

A customer may receive an additional **$100-per-ton rebate** when an EEP rebate-eligible cold-climate or geothermal heat pump is installed on our Dual Fuel, Deferred Load, or RDC Rate, or when an air-to-water heat pump is installed on our Dual Fuel Rate.

- EEP energy-efficiency rebates won't exceed 75 percent of project costs. Geothermal heat pump rebates won't exceed 50 percent of project costs.
- **For more information please review our rebate guidelines on page 2.**

COLD-CLIMATE HEAT PUMPS (CCHPs)

CCHPs operate at an overall seasonal efficiency of 250 percent or more. They offer customers heating and cooling at a fraction of the cost of fossil fuel systems and deliver comfort down to sub-zero temperatures. **Our rebates combined with federal tax credits make these systems highly cost-effective installations.**

GEOTHERMAL HEAT PUMPS (GHPs)

GHPs are clean, safe, efficient, and environmentally friendly and can deliver four to six units of heat for each unit of energy used. As a result, GHPs can reduce annual heating and cooling costs by up to 70 percent.

Geothermal heat pump ratings

GHP	Loop type	COP	EER
Water to air	Open loop	4.1	21.1
Water to air	Closed loop	3.6	17.1
Water to water	Open loop	3.5	20.1
Water to water	Closed loop	3.1	16.1
Direct exchange	—	3.6	16
GHP single unit ≥ 6 tons	—	3.1	13

GHPs must meet ENERGY STAR® requirements at time of installation to qualify for IRA benefits and our rebates. If a unit isn't labeled ENERGY STAR®, proof of the minimum COP and EER ratings must be provided with rebate application.

The GHP rebate per ton amount depends on whether the rate serving the account location is classified as residential or commercial.

AIR-TO-WATER HEAT PUMPS (AWHPs)

AWHPs improve the efficiency of hydronic underfloor heat storage systems by using free energy available in the air and transferring it through water for heating. This makes an AWHP a great option to upgrade the efficiency of an existing hydronic underfloor heating system or for a new system installation where geothermal might not be feasible. When paired with a buffer tank containing transfer coils, an AWHP can provide added savings by preheating domestic hot water.

BUFFER TANK OR DESUPERHEATER

Add a buffer tank to an EEP-qualified AWHP or a desuperheater to an EEP-qualified GHP installation and receive an additional **$100-per-ton rebate** when used for domestic hot water preheating. Buffer tank requires heating coils.

Tonnage based on the associated heat pump unit. Limit 20 tons.

QUALITY INSTALLATION REBATE

Opportunities for certified HVAC installers: Put your training and expertise to work for your customers while you build your business. Contractors certified through the following are eligible to offer customers Quality installation rebates:

- North American Technician Excellence (NATE).
- Minnesota Air Source Heat Pump Collaborative.
- Manufacturer or distributor sponsored training.
- Similar preapproved certifications.

Visit **otpco.com/certification** *for more information on certification options.*
Be sure to forward your certifications to us to add to our online Find a contractor tool.

A customer can receive an additional rebate of **$200 per ton** for a quality heat pump installation and **$50 per unit** for a quality air-conditioner installation. Applies to central or ductless mini-split systems.

HEAT PUMP AND AIR-CONDITIONING MAINTENANCE TUNE UP

A residential customer can receive a **$150 rebate** for a heat pump tune up and a **$75 rebate** for an air-conditioner tune up. A tune up must be completed by a licensed contractor and include coil cleaning, refrigeration charge check, air filter cleaning, and air flow measurement and correction if not done by homeowner or contractor at equipment installation. A customer can receive one rebate for each account once every ten years.

Electric water heating

A customer that installs a new electric water heater with a uniform energy factor (UEF) of .90 or higher may qualify for a controlled water heater rebate when it's served on our Deferred Load, Dual Fuel, Controlled Water Heating, or Residential Demand Control Rate. Firm service rates also may qualify when an energy control device is connected.

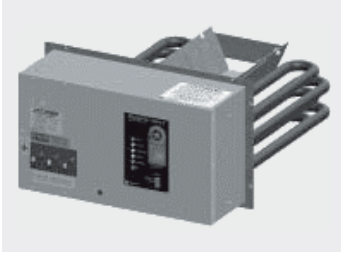
Receive an $8-per-month bill credit. A customer may choose to connect a radio receiver to their firm service electric panel to avoid the cost of adding an additional service panel and meter.

Application/size	Kilowatt requirements	Conditions	Rebate
≥ 80-gallon tank	Minimum of 4.5 kW	New controlled load	$400
≥ 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	New controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$100
Minimum 120-gallon storage capacity, heavy duty commercial	Minimum of 12 kW	New or replacement controlled load; $5,000 maximum rebate	$50/kW

Contractors: We don't unlock water heaters. Be sure you have access to electronic or manual keys for the specific brand of water heater sold before installing a locked grid-enabled water heater.

Electric heating technology rebates

Rebates are available for electric heating technologies when a minimum of 9 kilowatts (kW) is permanetly connected and served through our Dual Fuel or RDC Rate.



- Receive a **$20-per-kW rebate** for baseboard, cove heat, garage unit heater, or radiant electric heating including floor warming.*
- Receive a **$40-per-kW rebate** for an electric plenum heater, electric boiler, ducted electric furnace, or electric cable or panel storage heating system.**
- Rebate for electric cable or panel storage heating is limited to Dual Fuel Rate installations only. For RDC Rate installations see our thermal-storage rebate on page 38.
- Receive a **$100-per-ton rebate** for qualified heat pumps installed on our Dual Fuel or RDC Rate. **Rebate may be combined with efficiency rebates offered through our heat pump program.**

**Floor warming is nonstorage heating placed beneath flooring material.*
***Electric cable or panel storage heating is limited to installations under new construction slab foundations.*

Rebates totaling more than $10,000 require prior approval and evaluation.

Thermal-storage technologies

A **$75-per-kilowatt (kW) rebate** is available for installation of **up to 500 kilowatts** of thermal-storage applications served on our Deferred Load, RDC, or Fixed Time of Service Rate.

A system must have adequate capacity to heat or cool the space during the maximum control period allowed by the rate to qualify for a rebate. An underfloor system requires a sand base to serve as a heat sink. Qualifying projects must be new installations and a minimum of 9 kW in size.

In combined thermal-storage/heat pump systems, a customer will receive an additional **$100-per-ton rebate** for an EEP rebate-eligible cold-climate or geothermal heat pump installed on our Deferred Load or RDC Rate. **This rebate may be combined with efficiency rebates offered through our heat pump program.**

Eligible applications include:

- Central furnaces.
- Room units.
- Underfloor cable or panel systems embedded in sand.
- Electric boilers installed to serve underfloor hydronic systems embedded in sand.
- Ice storage applications.

Cool*Savings* AC cycling

CoolSavings cycled air-conditioning control helps our company manage summer electricity demand. Systems are cycled on and off every 15 minutes during peak events June through September. Setup is free when authorized by the property owner.

- Central air conditioners or heat pumps served through a qualified general service or RDC meter are eligible.
- Systems served through our Deferred Load or Dual Fuel Rates don't qualify.

RESIDENTIAL CUSTOMERS

Receive an average credit of **$8.25 each month or $33 per season** (June through September).

COMMERCIAL CUSTOMERS

Receive an average credit of **$6 per ton** of connected cooling load per month June through September.

*Find enrollment forms at **otpco.com/CoolSavings**.*

Operational notes

Please review rate details on page 47 and notices regarding equipment restart delay and low-voltage control strategy on page 55

Electric vehicle charging station

A customer installing a Level 2 electric vehicle charging station as permanently connected load on a qualified rate may qualify for a **$500 rebate.** Our rebate can be combined with a federal tax credit for 30 percent of costs up to $1,000. Eligible rates include Dual Fuel, Deferred Load, Fixed Time of Service, and RDC.

Smart thermostats

A residential customer who installs a qualified Tier II or Tier III smart thermostat may receive a rebate. Rebate level is dependent on thermostat communication capabilities (tier level) and use of electricity for heating and/or cooling. **Only one rebate per household.** Rebate may not exceed the thermostat invoice amount.

- Rebates of **$100 for Tier II and $150 for Tier III** qualifying smart thermostats are available to customers who use central heating electric technologies including air-source heat pumps, geothermal heat pump systems, plenum heaters, and boilers.
- Rebates of **$100 for Tier III** qualifying **line voltage** smart thermostats are available to customers who use non-central heating electric technologies as their primary heat source, including baseboard.
- Rebates of **$35 for Tier II and $50 for Tier III** qualifying smart thermostats are available to customers with electric cooling but without electric heating.

Find the current list of qualifying smart thermostat models online at ***otpco.com/SmartThermostats.***

Lighting

Customers that install energy-efficient lighting technologies may qualify for rebates as shown in the tables below and on the following page.

- Preapproval is required for rebates exceeding $4,500.
- LED exit lighting doesn't qualify for new construction lighting rebates.

Commercial customers may qualify for all rebates. Rebates for lighting controls are based on total wattage of lighting load connected to the control technology.

Residential customers may qualify for hardwired retrofit replacement lighting and new construction lighting rebates when rebate amount exceeds $20. Screw-in lighting rebates for retrofit and new construction aren't available except through point-of-sale rebates at participating retail stores.

In-store rebates are available through select retailers in our area, resulting in greatly discounted purchase prices. No paperwork required! Visit **otpco.com/LEDs.**

For more information about fluorescent lamps, high-intensity discharge (HID) lamps and ballasts, and disposal requirements, refer to the South Dakota Department of Environment and Natural Resources website or call **605-733-3153**.

Replacement lighting

Existing	Replaced with	Rebate per watt saved
Low-efficiency incandescent	Screw-in LED indoor (with and without removal prevention devices)	10¢
	Screw-in LED outdoor (with and without removal prevention devices)	5¢
	Hard-wired LED indoor	25¢
	Hard-wired LED outdoor	15¢
Low-efficiency fluorescent	Hard-wired LED	25¢
Standard T8 fluorescent lamps	LED lamp-only retrofit	15¢
Mercury-vapor lamps	Hard-wired LED indoor	25¢
	Hard-wired LED outdoor	15¢
	Screw-in LED indoor	10¢
	Screw-in LED outdoor	5¢
Standard HID	Hard-wired LED indoor	25¢
	Hard-wired LED outdoor	15¢
	Screw-in LED indoor	10¢
	Screw-in LED outdoor	5¢
Exit lighting fixtures	High-efficiency exit lighting (based on maximum demand reduction of 20 watts/fixture)	25¢
Occupancy/daylight sensing controls		$100/connected kW

New construction high-efficiency lighting

LED technology	Wattage	Rebate per fixture or lamp
Indoor LED fixture	<30	$10.00
	30 to 49	$15.00
	50 to 79	$25.00
	80 to 99	$30.00
	>99	$50.00
Outdoor LED fixture	<30	$5.00
	30 to 49	$7.50
	50 to 79	$10.00
	80 to 99	$15.00
	>99	$20.00
Screw-in indoor LED	<10	$1.00
	10 to 24	$2.25
	25 to 49	$5.00
	50 to 75	$10.00
Screw-in outdoor LED	<10	$1.75
	10 to 24	$1.00
	25 to 49	$2.50
	50 to 75	$4.00
Occupancy/daylight sensing controls		$100/connected kW

Drive Power

ADJUSTABLE-SPEED DRIVES (ASDs)

Reduce energy use up to 50 percent by installing an ASD to match motor speed to the requirements of a fluctuating load.

- **$20-per-horsepower rebate** for nonseasonal centrifugal applications.
- **$10-per-horsepower rebate** for seasonal and HVAC centrifugal applications.

ELECTRONICALLY COMMUTATED MOTORS (ECMs)

Rebates are available for commercial customers that retrofit existing exhaust and HVAC fans with energy-efficient ECMs. Rebate is based on motor horsepower.

System designer or installing contractor must ensure the entire facility complies with the IEEE Standard 519 after completion of the ASD installation or retrofit. Failure to comply with this rule may result in disqualification of any rebate request.

ECM rebates

Horsepower	Rebate
0.125	$15
0.25	$30
0.33	$50
0.50	$70
0.75	$100
1.0	$125
1.5	$175

MOTORS

Our motor rebate program encourages industrial, commercial, and agricultural customers to purchase energy efficient new, replacement, or retrofit motors.

- 2007 EISA legislation set NEMA Premium® as the efficiency standard for 1 horsepower to 200 horsepower totally enclosed fan-cooled (TEFC) and open drip-proof (ODP) motors manufactured after December 2010.
- Motor efficiency **must exceed** NEMA Premium® efficiency to qualify for rebates for new motors and replacement of nonoperating motors.
- TEFC and ODP motors replaced prior to failure **must meet** NEMA Premium® efficiency levels to qualify for rebates.
- Certain qualified motors may have limited availability in the market.

Totally enclosed fan-cooled motor rebates

HP	Percent rated efficiency 1200 RPM		Percent rated efficiency 1800 RPM		Percent rated efficiency 3600 RPM		Rebate per motor
	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	
1	84.0	82.5	86.5	85.5	78.5	77.0	$30
1.5	88.5	87.5	87.5	86.5	85.5	84.0	$45
2	89.5	88.5	87.5	86.5	86.5	85.5	$60
3	90.2	89.5	90.2	89.5	87.5	86.5	$70
5	90.2	89.5	90.2	89.5	89.5	88.5	$125
7.5	91.7	91.0	92.4	91.7	90.2	89.5	$175
10	91.7	91.0	92.4	91.7	91.0	90.2	$225
15	92.4	91.7	93.0	92.4	91.7	91.0	$350
20	92.4	91.7	93.6	93.0	91.7	91.0	$450
25	93.6	93.0	94.1	93.6	92.4	91.7	$450
30	93.6	93.0	94.1	93.6	92.4	91.7	$525
40	94.5	94.1	94.5	94.1	93.0	92.4	$600
50	94.5	94.1	95.0	94.5	93.6	93.0	$750
60	95.0	94.5	95.4	95.0	94.1	93.6	$825
75	95.0	94.5	95.8	95.4	94.1	93.6	$900
100	95.4	95.0	95.8	95.4	94.5	94.1	$1,200
125	95.4	95.0	95.8	95.4	95.4	95.0	$1,500
150	96.2	95.8	96.2	95.8	95.4	95.0	$1,800
200	96.2	95.8	96.5	96.2	95.8	95.4	$2,000
250	95.8	95.8	96.2	96.2	95.8	95.8	$2,500
300	95.8	95.8	96.2	96.2	95.8	95.8	$3,000
350	95.8	95.8	96.2	96.2	95.8	95.8	$3,000
400	95.8	95.8	96.2	96.2	95.8	95.8	$3,500
450	95.8	95.8	96.2	96.2	95.8	95.8	$4,000
500	95.8	95.8	96.2	96.2	95.8	95.8	$5,000

Open drip-proof motor rebates

HP	Percent rated efficiency 1200 RPM		Percent rated efficiency 1800 RPM		Percent rated efficiency 3600 RPM		Rebate per motor
	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	New and replacement of nonoperating motors	Replacement of operating motors	
1	84.0	82.5	86.5	85.5	78.5	77.0	$30
1.5	87.5	86.5	87.5	86.5	85.5	84.0	$45
2	88.5	87.5	87.5	86.5	86.5	85.5	$60
3	89.5	88.5	90.2	89.5	86.5	85.5	$70
5	90.2	89.5	90.2	89.5	87.5	86.5	$125
7.5	91.0	90.2	91.7	91.0	89.5	88.5	$175
10	92.4	91.7	92.4	91.7	90.2	89.5	$225
15	92.4	91.7	93.6	93.0	91.0	90.2	$350
20	93.0	92.4	93.6	93.0	91.7	91.0	$450
25	93.6	93.0	94.1	93.6	92.4	91.7	$450
30	94.1	93.6	94.5	94.1	92.4	91.7	$525
40	94.5	94.1	94.5	94.1	93.0	92.4	$600
50	94.5	94.1	95.0	94.5	93.6	93.0	$750
60	95.0	94.5	95.4	95.0	94.1	93.6	$825
75	95.0	94.5	95.4	95.0	94.1	93.6	$900
100	95.4	95.0	95.8	95.4	94.1	93.6	$1,200
125	95.4	95.0	95.8	95.4	94.5	94.1	$1,500
150	95.8	95.4	96.2	95.8	94.5	94.1	$1,800
200	95.8	95.4	96.2	95.8	95.4	95.0	$2,000
250	95.4	95.4	95.8	95.8	95.0	95.0	$2,500
300	95.4	95.4	95.8	95.8	95.4	95.4	$3,000
350	95.4	95.4	95.8	95.8	95.4	95.4	$3,000
400	95.8	95.8	95.8	95.8	95.8	95.8	$3,500
450	96.2	96.2	96.2	96.2	95.8	95.8	$4,500
500	96.2	96.2	96.2	96.2	95.8	95.8	$5,000

Explosion-proof motor rebates

HP	Percent rated efficiency 1200 RPM	Percent rated efficiency 1800 RPM	Percent rated efficiency 3600 RPM	Rebate per motor
1	82.5	84.0	76.0	$30
1.5	86.5	84.0	84.0	$45
2	85.5	85.5	84.0	$60
3	87.5	85.5	85.5	$70
5	88.5	88.5	86.5	$125
7.5	90.0	90.0	86.5	$175
10	90.0	90.0	89.5	$225
15	91.0	91.7	90.2	$350
20	90.0	91.7	90.2	$450
25	92.0	93.0	91.0	$450
30	92.4	93.0	91.0	$525
40	93.6	93.6	92.0	$600
50	93.6	93.6	92.4	$750
60	94.1	94.0	93.0	$825
75	94.0	94.5	93.6	$900
100	94.5	94.5	93.6	$1,200
125	94.5	95.0	94.1	$1,500
150	95.0	95.4	94.1	$1,800
200	95.0	95.8	95.0	$2,000
250	95.0	95.0	95.0	$2,500
300	95.0	95.4	95.4	$3,000

Custom efficiency project grants

Custom efficiency project grants help customers make efficiency upgrades that fit their unique business operations. Eligible applications that may qualify include but aren't limited to:

- Air compressors
- Chillers
- Process improvements
- Commercial electric cooking equipment
- Heat-recovery systems
- Building envelope improvements

Grants are calculated based on kilowatt-hours of energy saved, kilowatts of demand reduced, and project costs. Thorough documentation is required for proper evaluation prior to approval. Incentives for grant projects may be capped.

Rates and resources

Off-peak rates and energy control

Approximately one-third of our customers participate in one of our off-peak rates. As partners with us, they permit us to shut off a predetermined portion of their electric load during peak, test, high-energy price, maintenance, or emergency periods.

THE RESULT IS MONEY SAVED

Our off-peak rates offer discounted prices—some up to half our average price of electricity charges.

In addition to providing our customers with low-cost electricity, energy-management programs help us manage electrical loads on our system by reducing peak demand levels. That benefits both our customers and us.

SIGN UP FOR UPDATES

To assist customers who partner with us in load management, we provide information about energy-control periods.

- **Visit otpco.com/EnergyControl** to view energy management events from the past 48 hours as well as upcoming expected events.
- **Register online for alerts** and we'll send messages about control activity for the location and rate associated with your account.

Three types of alerts are available:

1. **Anticipated control notifications** inform recipients when we expect to control energy but haven't yet started.
2. **Actual control notifications** inform recipients when control begins and ends on our system.
3. **Day-ahead declared peak-pricing notifications** are for customers on our General Service Time of Use and Irrigation Rates and include peak pricing cost per kilowatt-hour and hours of application.

PROPER INSTALLATIONS ON CONTROLLED SERVICE RATES

We'll supply and maintain the necessary metering, penalty metering, and control equipment for the rates described on the following pages.

Customers pay for all associated equipment beyond our point of connection, such as electric service panels, wiring, and controls.

Controlled-service systems must be permanently connected and interruptible. Systems that don't interrupt loads during control events in accordance with rate requirements are subject to penalty charges and removal from the controlled-service rate.

The controlled-service meter and controlling devices must be wired separately and located adjacent to each other. With prior approval, a control device may be located inside the building adjacent to the customer's main disconnects.

Installation diagrams are provided on pages 55-59.

Water Heating Control Rate

Electric water heating is energy efficient and clean. And our Water Heating Control Rate can save customers up to 30 percent compared to our standard price of electricity.

Low-cost option: Customers not interested in, or not able to install separate service panels, may receive monthly bill credits in return for allowing us to control water heaters wired to their firm service meters. **Bill credits average $8 to $10 each month (varies by state).**

Save even more! Water heaters also may be installed on certain electric space-heating rates, including our Dual Fuel, Deferred Load, and Residential Demand Control Rates, which offer greater savings.

In all cases an electrician must provide wiring to our radio receiver.

Heat pump water heaters can also qualify for load control. Before installing a heat pump water heater on a load control rate, please check with the manufacturer to ensure equipment operates seamlessly with our load-control operations.

CONTROL LIMITS AND COST OF ENERGY

- Rates permit control throughout the year for up to 14 hours a day.
- We interrupt long control periods whenever possible to allow your water heater to recover.
- Rates vary by season with winter-season rates applied October 1 through May 31 and summer-season rates June 1 through September 30.
- Cost-of-energy charges apply.

REBATES AVAILABLE

Rebates are available for new electric water-heating installations with proof of a uniform energy factor (UEF) of .90 or higher when installed on a qualified off-peak rate.

Controlled water heating rebates

Application/size	Kilowatt requirements	Conditions	Rebate
≥ 80-gallon tank	Minimum of 4.5 kW	New controlled load	$400
≥ 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	New controlled load	$200
≥ 50-gallon < 80-gallon tank	Minimum of 4.5 kW	Replacement controlled load	$100
Minimum 120-gallon storage capacity, heavy duty commercial	Minimum of 12 kW	New or replacement controlled load; $5,000 maximum rebate	$50/kW

A customer may receive a bill credit each month with a simple installation.
*Learn more at **otpco.com/WaterHeating**.*

Air-conditioning control

Our CoolSavings air-conditioning control program helps us manage summer electricity demand. Participants allow us to cycle their central cooling systems on and off every 15 minutes ***only*** during summer-season peak events.

To qualify:

- The property owner must authorize enrollment.
- The cooling system must be served through a general service or Residential Demand Control meter.
- System must include a disconnect on the outside of the building.
- Window and ductless air-conditioning units don't qualify.
- Systems served through Deferred Load and Dual Fuel Rates don't qualify.

SETUP IS FREE. SAVE ALL SUMMER!

- We install a radio receiver.
- Residential participants receive an average credit of **$8.25 each month or $33 per summer season** (June through September).
- Commercial customers receive an average credit of **$6 per ton** of connected cooling load per month June through September.

We reserve the right to deny participation for limited-use structures.

OPERATIONAL NOTES

Please review the notices regarding equipment restart delay and low-voltage control strategy on page 55.

CONTROL LIMITS

- Summer-season control applies June 1 through September 30 with a maximum of 300 hours of cycled control permitted.
- In place of cycled control, commercial customers with dual stage air conditioners may have the first stage run without interruption while the second stage is shut off during the entire control event.

*For enrollment forms visit **otpco.com/CoolSavings**.*

Fixed Time of Service Rate

Customers can cut energy costs by more than half when they recharge their heat-storage or cooling-storage systems overnight, taking advantage of energy generated during off-peak hours. That's big savings!

REBATES AVAILABLE

To qualify for a rebate, a thermal-storage heating or cooling system must be appropriately sized to create an adequate heat store during the eight hours a day that it's energized.

Level 2 electric vehicle charging equipment may be added to this rate and qualify for rebates when permanently connected, metered, and subject to service according to the rate.

Fixed Time of Service Rate rebates

Application	Rebate
Thermal storage (up to 500 kW in ND and SD)	$75/kW
Level 2 electric vehicle charging station	$500

A minimum of 9 kW of thermal storage is required to qualify for a rebate.

SCHEDULE AND COST OF ENERGY

- We energize fixed-time-of-delivery loads during predetermined off-peak hours between 10 p.m. and 6 a.m., 365 days a year.
- Rates vary by season with winter-season rates applied October 1 through May 31 and summer-season rates June 1 through September 30.
- Cost-of-energy charges apply.
- Systems must be permanently connected and service interrupted between 6 a.m. and 10 p.m.
- Systems with metered use between 6 a.m. and 10 p.m are subject to penalty charges, and application of this rate may be discontinued.

Deferred Load Rate

Our Deferred Load Rate cuts heating and cooling costs by nearly 30 percent compared to our standard electric rates.

SUMMER-SEASON CYCLING

Heat pumps installed on our Deferred Load Rate are eligible for cycled control during occasional summer-season peak events. Cycling provides 15 minutes of control followed by 15 minutes of service and allows the heat pump to keep spaces cool and comfortable.

REBATES AVAILABLE

In addition to qualified electric-heating applications, water-heating equipment and Level 2 electric vehicle charging equipment may be added to this rate and qualify for rebates when permanently connected, metered, and subject to control.

CONTROL LIMITS AND COST OF ENERGY

- This rate permits control 12 months a year with cycled control available for heat pumps June through September.
- We may control deferred loads up to 14 hours a day.
- When system conditions permit, we include a recovery period if a control event lasts several hours.
- Rates vary by season. We apply winter-season rates October 1 through May 31 and summer-season rates June 1 through September 30.
- Cost-of-energy charges apply.
- Controlled-service systems must be permanently connected and interruptible.
- Systems that don't interrupt loads during control events are subject to penalty charges, and application of this rate may be discontinued.

Dual Fuel Rate

A customer may qualify for a rate of about half our standard price when they install a dual-fuel system that uses off-peak electricity as their main heating fuel. A secondary natural gas, propane, or fuel oil system supplies heat during control periods. The switch from electricity to the secondary fuel and back to electricity is accomplished automatically with radio signals.

SUMMER-SEASON CYCLING

Heat pumps are eligible for cycled control during occasional summer-season peak events. Cycling provides 15 minutes of control followed by 15 minutes of service. Cycling occurs only during peak periods when energy control is needed and allows spaces to remain cool and comfortable.

REBATES AVAILABLE

In addition to qualified electric-heating applications, water-heating equipment and Level 2 electric vehicle charging equipment added to this rate may qualify for rebates when permanently connected, metered, and subject to control.

CONTROL LIMITS AND COST OF ENERGY

- Two Dual Fuel Rates are available. One applies to systems with current transformer (CT) metering. The other is for systems installed with standard metering.
- Summer-season cycling of heat pump loads is available.
- This rate permits control for up to 24 hours a day with water heater control limited to 14 hours a day.
- Rates vary by season with winter-season rates applied October 1 through May 31 and summer-season rates June 1 through September 30.
- Cost-of-energy charges apply.
- Controlled-service systems must be permanently connected and interruptible. Systems that don't interrupt loads during control events may be subject to penalty charges, and application of this rate may be discontinued.

Residential Demand Control Rate

Our Residential Demand Control (RDC) Rate offers savings up to 25 percent compared to our standard residential rate.

It's applied to all electricity used in the home and most suitable for customers with electric heat or higher-than-average electricity use.

Our RDC Rate lets customers determine the demand level they want to maintain during energy-control periods. To ensure comfort, we recommend a demand level no lower than 3 kilowatts.

We'll send a radio signal to initiate control. Electric heating, water heating, and a clothes dryer often are connected to the RDC unit and automatically controlled when needed.

REBATES AVAILABLE

In addition to qualified electric-heating applications, water-heating equipment and Level 2 electric vehicle charging equipment added to this rate may qualify for rebates when permanently connected, metered, and subject to control.

CONTROL LIMITS AND COST OF ENERGY

- This rate permits control of RDC customers up to 14 hours a day during the winter season from October 1 through May 31.
- This rate permits control of water heaters up to 14 hours a day throughout the year.
- Our RDC Rate varies by state and season. It features customer and facility charges, an energy charge per kilowatt-hour, and a demand charge per kilowatt.
- Demand is billed based on the customer's highest one-hour demand reading taken during a winter-season control period in the most recent 12 months.
- Cost-of-energy charges apply.
- We offer a monthly credit June through September to RDC customers who enroll their central cooling system in our CoolSavings AC cycling program.

Off-peak Electric Vehicle Rate (Minnesota only)

With our Drive On Off-peak Electric Vehicle Rate, Minnesota customers can recharge their electric vehicles overnight for less. On this rate, energy is delivered only between 10 p.m. and 6 a.m. to take advantage of the lowest priced off-peak energy. Eligibility requirements include proof of electric vehicle ownership and appropriate electrical service interconnection facilities.

Electric vehicle charging rebate

Application	Rebate
Level 2 charging station	$500

Note: Rebates on Level 2 electric vehicle charging equipment are available to customers in all states when installed as permanently connected additional load on a qualified off-peak rate.

SCHEDULE AND COST OF ENERGY

- We energize off-peak electric vehicle loads served on our Off-peak Electric Vehicle Rate during predetermined off-peak hours between 10 p.m. and 6 a.m., 365 days a year.
- Rates vary by season with winter-season rates applied October 1 through May 31 and summer-season rates June 1 through September 30.
- Cost-of-energy charges apply.
- Systems must be interrupted between 6 a.m. and 10 p.m.

Outdoor Lighting Rate

Outdoor Lighting Rates are available to supply lighting fixtures that are owned by our company and the energy to operate them in a single monthly charge. Charges vary by state and equipment type. Charges listed below were in effect on January 1, 2023, in Minnesota; June 1, 2021, in North Dakota; and May 1, 2021, in South Dakota.

LED Outdoor Lighting Rates

LED Type 1	Approximate lumens	Approximate wattage	Minnesota charge	North Dakota charge	South Dakota charge
LED5	5,175	47	$8.21	$7.44	$7.97
LED8	9,003	76	$15.48	$13.88	$13.92
LED3PT	2,759	26	$10.08	$10.01	$9.70
LED5PT	5,404	47	$12.87	$12.75	$12.28
LED10	12,388	95	$16.53	$15.71	$15.93
LED13	16,691	133	$20.60	$20.66	$19.83
LED20—Flood	23,067	199	$20.16	$18.98	$19.19
LED30—Flood	32,003	261	$38.39	$30.96	$32.92
LED Type 2—Metered at primary					
PLED5	5,175	47	$7.34	$6.95	$7.48
PLED8	9,003	76	$14.07	$13.08	$13.12
PLED3PT	2,759	26	$9.60	$9.74	$9.43
PLED5PT	5,404	47	$12.00	$12.26	$11.79
PLED10	12,388	95	$14.76	$14.71	$14.93
PLED13	16,691	133	$18.13	$19.26	$18.43
PLED20—Flood	23,067	199	$16.46	$16.89	$17.10
PLED30—Flood	32,003	261	$33.54	$28.21	$30.17

Appropriate standard wood pole is included in monthly charge.
Alluminum alloy poles and LED flood visor options available for an added charge.

Optional equipment	Description	Minnesota charge	North Dakota charge	South Dakota charge
Standard 30 foot	Aluminum alloy pole	$11.67	$11.67	$11.67
Standard 40 foot	Aluminum alloy pole	$10.87	$10.87	$10.87
Lighting visor LED 20—Flood	LED flood visor	$0.76	$0.76	$0.76
Lighting visor LED 30—Flood	LED flood visor	$1.38	$1.38	$1.38

Decorative lights	Approximate lumens	Approximate wattage	Minnesota charge	North Dakota charge	South Dakota charge
DLEDA7 (Arlington)	5,837	66	$87.77	$87.77	$87.77
DLEDG7 (Granville)	7,440	68	$86.11	$86.11	$86.11
DLEDE 17 (Esplanade)	20,000	170	$110.56	$110.56	$111.27

Arlington and Granville models include black aluminum 14-foot pole.
Esplanade includes black aluminum 30-foot pole.

RDC lease-to-buy program

We offer for sale or lease a Brayden 9312 residential demand controller with 8i, 10i, 12i, 14i, or 16i relay options.

This is a full-feature demand controller. Its display allows system monitoring with large LED digits. The audible alarm sounds if the customer exceeds the set demand limit. And it allows the customer to reprogram appliance control order without an electrician. Purchase price is $875.

Customers may choose to take advantage of our lease-to-buy program that features 48 monthly payments of $20 and a final buyout payment of $1.

Electrician and contractor workshops

Electrician code credit workshops: Conducted in conjunction with Minnkota Power Cooperative, Inc. of Grand Forks. Eight CEU credits are available for the eight-hour sessions. Workshops begin at 8:00 a.m. and lunch is provided. Tim Pull is the instructor.

All sessions will be in person. **Cost: $80 per attendee.**

Date	Location	Address
Tuesday, January 7	Fargo Holiday Inn	3803 13th Ave. South, Fargo, ND
Wednesday, January 8		
Thursday, January 16	Bemidji Eagles Club	1270 Neilson Ave. SE, Bemidji, MN
Tuesday, January 21	Bigwood Event Center	925 Western Ave., Fergus Falls, MN
Wednesday, January 29	Minnkota Power Cooperative	5301 32nd Ave. South, Grand Forks, ND
Thursday, January 30		

*Register online at **minnkota.com**.*

HVAC, electrician, and refrigeration contractor workshops: Sponsored by our company, these contractor workshops will provide information about 2025 rebate programs and Inflation Reduction Act incentives and tax credits. Breakout sessions will be held for HVAC, electrical, and refrigeration. Equipment vendors and speakers will be present.

Free two-day workshops:

Date	Location	Address
April 2025	Prairie's Edge Casino Resort	5616 Prairies Edge Lane, Granite Falls, MN
April 2025	Shooting Star Casino	777 SE Casino Rd., Mahnomen, MN

*Finalized dates and registration can be found at **otpco.com/ContractorWorkshops.***

NOTICE

Regarding our CoolSavings air-conditioning cycling program

1. Equipment restart delay

The radio receivers we install for our energy control programs are factory programmed with a **Cold-load Pick-up (CLP) feature**. The CLP feature will delay equipment operation for **30 minutes** should power be interrupted for any reason. This delay will occur if power is cut during an HVAC service call or due to an unexpected power outage.

This feature is a common and normal manufacturer feature.

Customers should expect a full 30-minute delay before air conditioning will operate if power has been interrupted at the circuit breaker or through a power outage.

HVAC and electrical technicians completing maintenance calls should be aware of and expect this delay.

The CLP feature is manually disabled on radios installed to serve Irrigation and Large Dual Fuel Rates.

2. Low-voltage control strategy

Our cooling equipment load control devices are connected through the **cooling system's low voltage (24-volt) side**. Line voltage power load isn't interrupted. This safeguards equipment, enabling it to complete the refrigeration cycle and preventing any restarts at high head pressure.

If you're aware of any contrary installations, please call our Idea Center at 800-493-3299.

NOTICE

Unintended control of central air conditioners wired to Electro Industries plenum heaters

A customer whose central air conditioner is wired to their thermostat through the Electro Industries plenum heater control board may experience control of their air conditioner when our company initiates control of the off-peak meter.

This unintended control could affect a central air conditioner wired and served through a firm service meter (not enrolled in an energy control program).

A customer may contact their HVAC contractor to request a service call if they believe their system is broken.

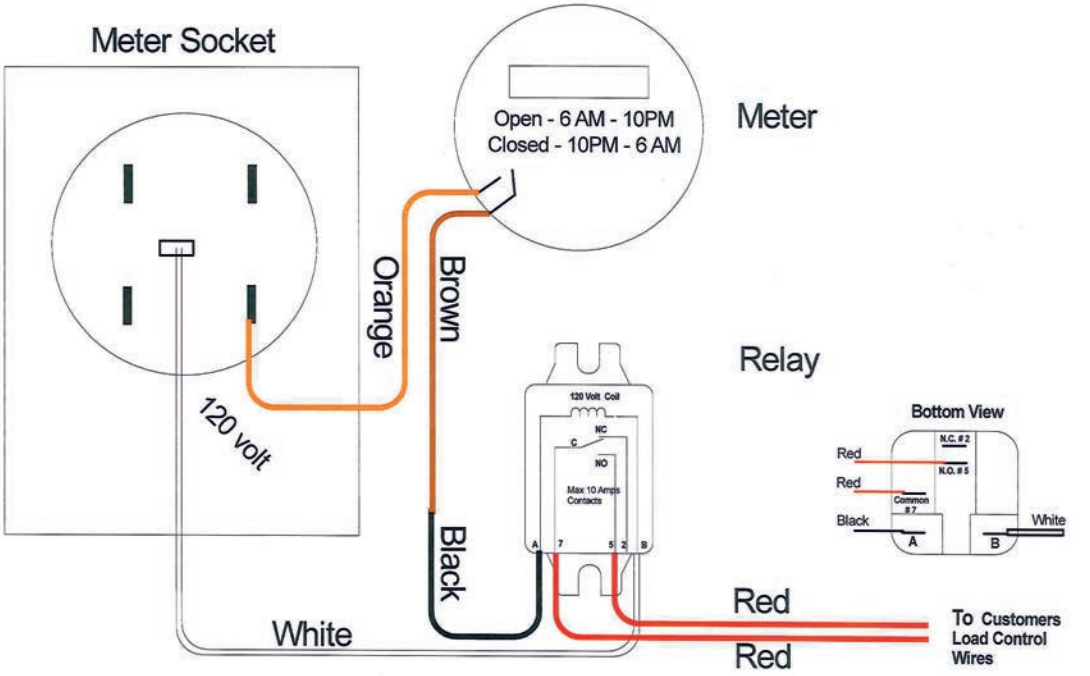
A correction to the wiring configuration is required to avoid control of central air conditioners wired through the general (or firm) service.

Please note:

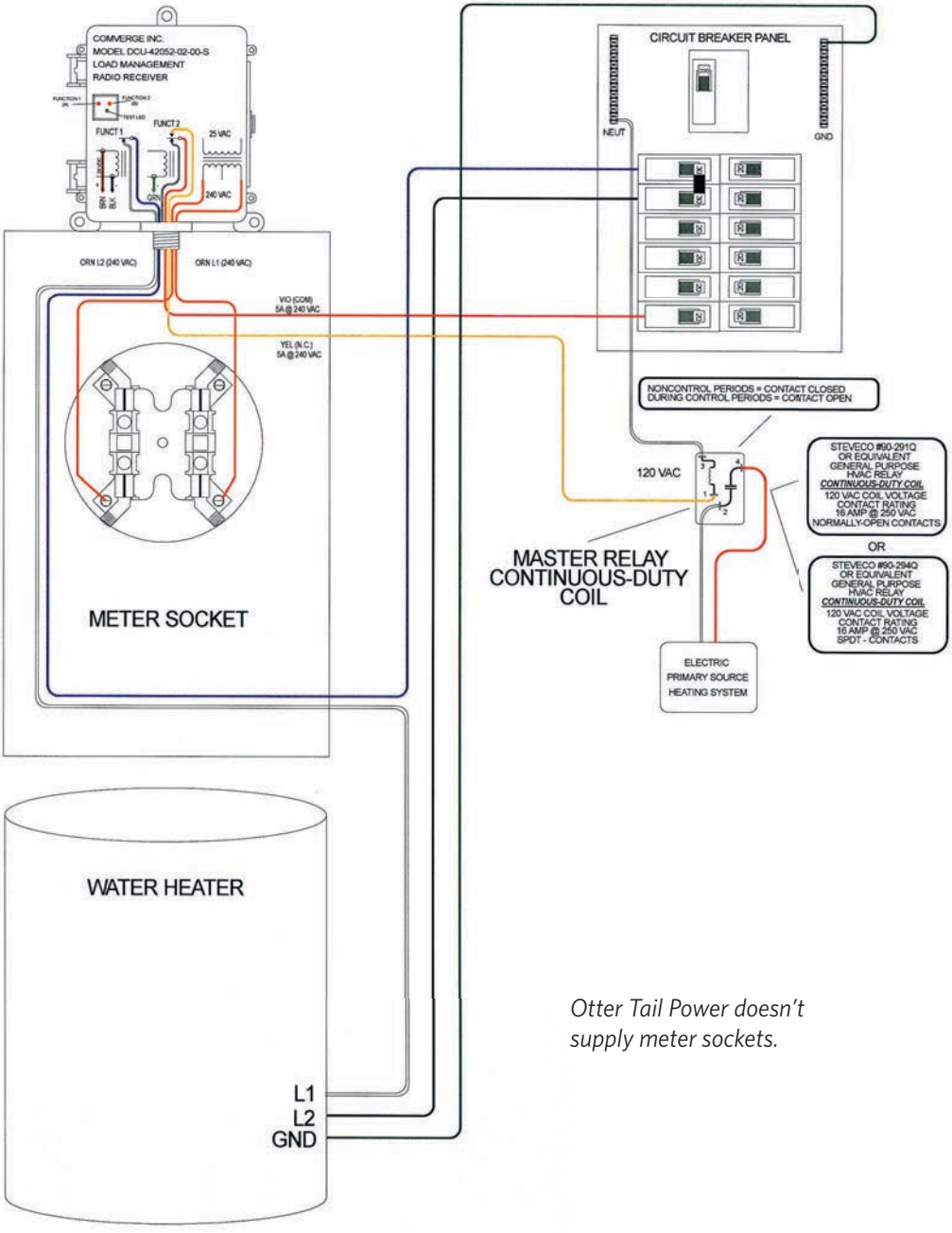
- All equipment wired through the off-peak meter must remain available for control during peak conditions. Circumventing control for loads enrolled in off-peak programs is fraud and penalties apply.
- Customers with heat pumps served through our Dual Fuel or other off-peak rates should request to move to our **Dual Fuel or Deferred Load Rate**.

If you have questions, please contact Electro Industries directly. For rate-related questions, please call your local Energy Management Representative. (See page 3.)

Electric vehicle and Fixed Time of Service wiring diagram

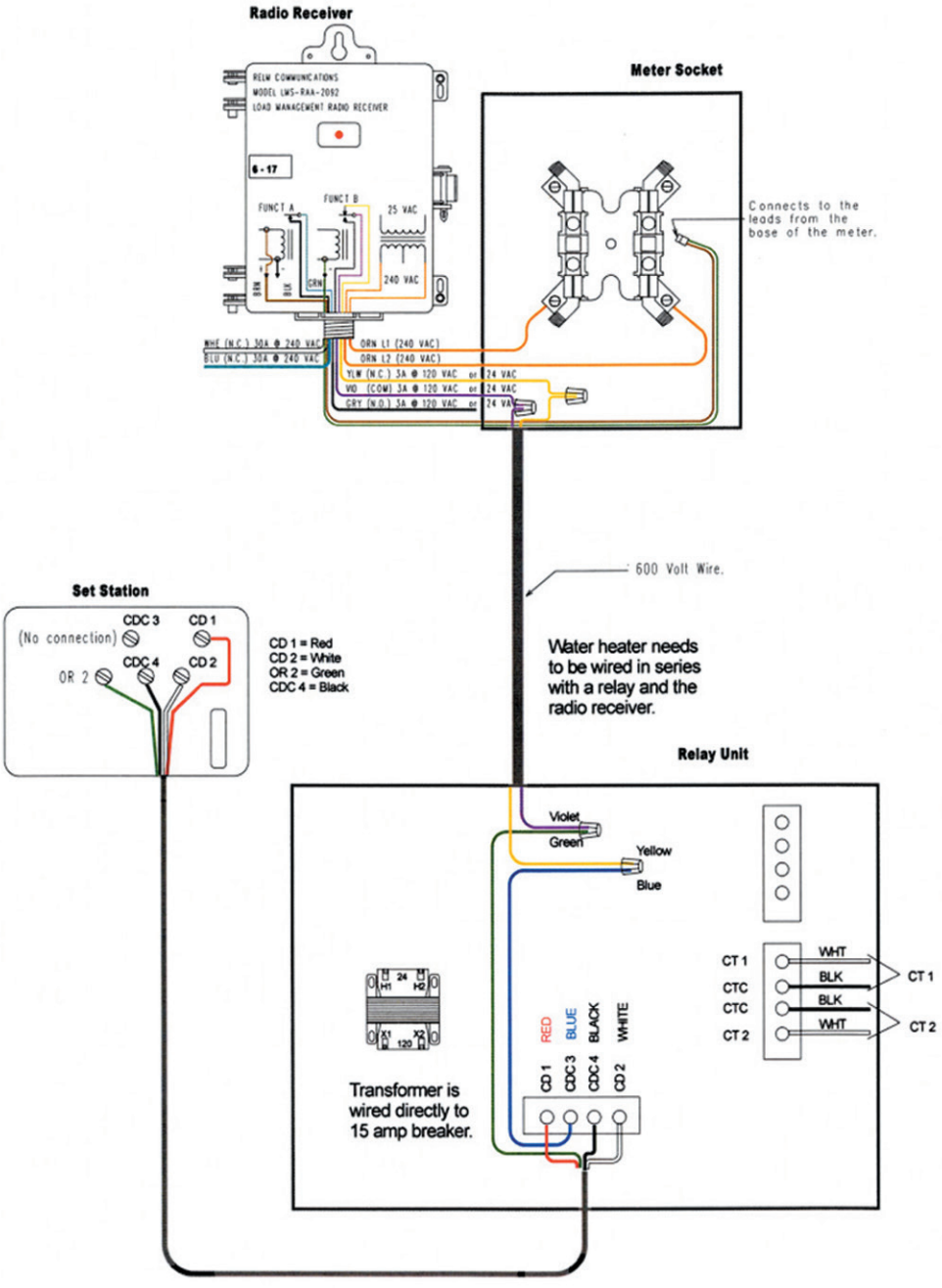


Generic off-peak meter socket and wiring diagram

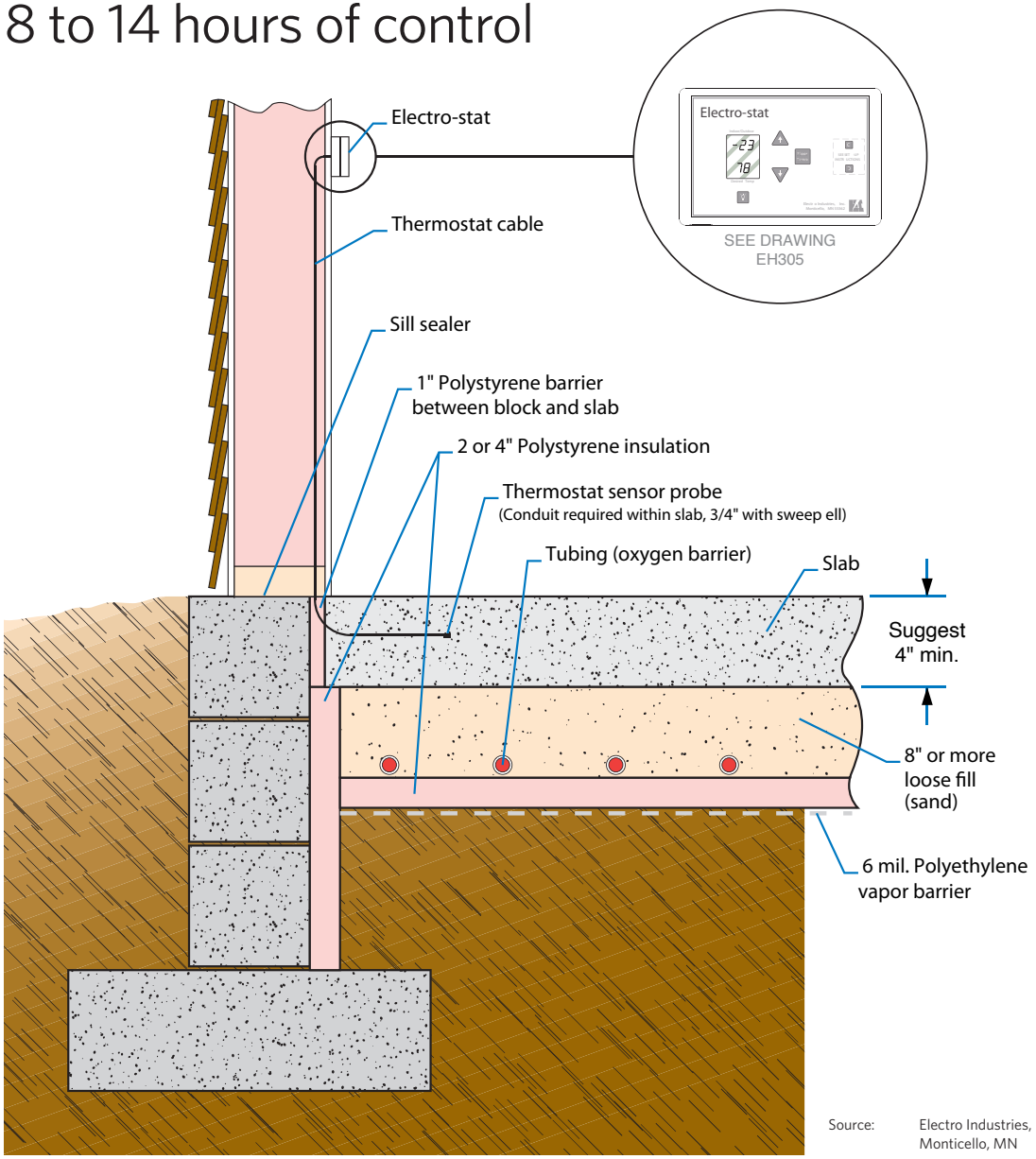


Otter Tail Power doesn't supply meter sockets.

RDC - Brayden 9312 wiring diagram

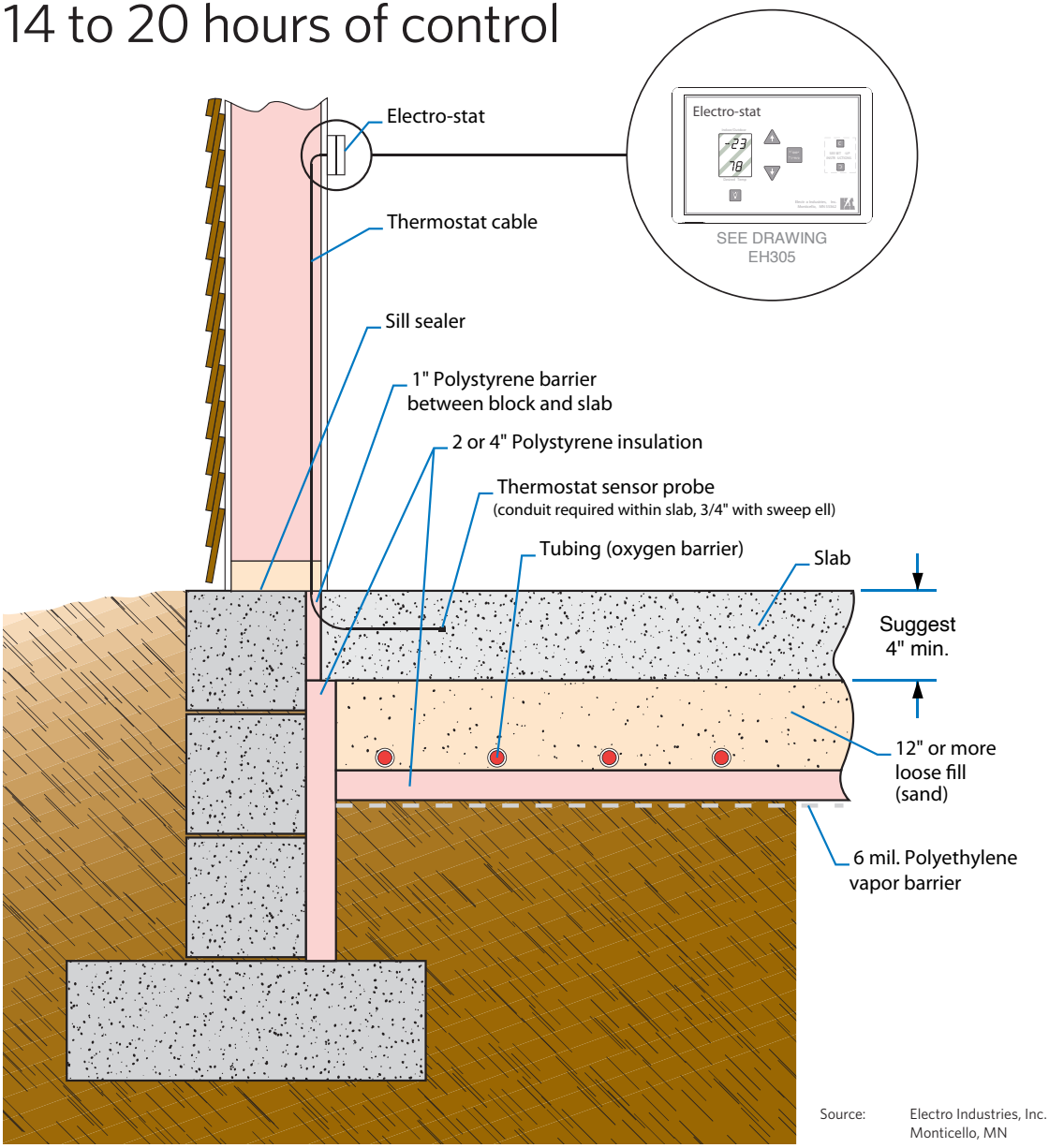


Underfloor thermal storage
8 to 14 hours of control



Source: Electro Industries, Inc.
Monticello, MN

Underfloor thermal storage
14 to 20 hours of control



Source: Electro Industries, Inc.
Monticello, MN

Appliance energy-use chart

Cost calculations are intended to be examples only and are based on a per-kilowatt-hour rate of 10.84¢ for firm service, off-peak water-heating rate of 8¢ a kilowatt-hour, and off-peak heating rate of 4.76¢ a kilowatt-hour. Your actual price may vary by your state, season, and rate. All cost calculations are rounded to the nearest kilowatt-hour and cent.

Seasonal use

HEATING AND COOLING						
Detail		Approx. wattage	Summer-season cooling kWh	Winter-season heating kWh	Cooling cost	Heating cost
Cold-climate heat pump—3 ton operating to 0°F, 8.1 HSPF2		3,700	1,061	9,648	$119.79	$1,089.26
Cold-climate heat pump—3 ton operating to 0°F, 8.1 HSPF2	off-peak rate	3,700	1,061	9,648	$69.07	$628.08

A cold-climate heat pump provides 100% of cooling and 87% of heating requirements with energy efficiency of 170% or higher!

COOLING ONLY								
Detail		Approx. wattage	Low hrs. of use	High hrs. of use	Low kWh	High kWh	Low cost	High cost
A/C room—9,000 Btu		1,050	120	126	756	$14.22	$85.34	$85.34
A/C central—15 SEER, 2.5 ton		2,000	240	480	1,720	$54.19	$194.17	$194.17
ASHP—15 SEER, 2.5 ton	off-peak rate	2,000	240	480	1,720	$31.27	$112.06	$112.06

Monthly usage calculations

MONTHLY—HEATING AND COOLING							
Detail	Approx. wattage	Low hrs. of use	High hrs. of use	Low kWh	High kWh	Low cost	High cost
Baseboard heater (4 ft., 250 watts/ft.)	1,000	100	200	100	200	$11.29	$22.58
Fan—ceiling	60	15	330	1	20	$0.11	$2.26
Fan—portable	115	18	52	2	6	$0.23	$0.68
Furnace fan motor—intermittent	350	160	415	56	145	$6.32	$16.37
Furnace fan motor—continuous	350	720	720	252	252	$28.45	$28.45
Heat recovery air exchanger	125	300	720	38	90	$4.29	$10.16
Portable heater	1,500	30	300	45	450	$5.08	$50.80

WATER HEATING						
Detail		Approx. wattage	Low kWh	High kWh	Low cost	High cost
Water heater on our off-peak water-heating rate: $0.0706						
Family of 6	off-peak rate	4,500	540	725	$38.11	$51.17
Family of 4	off-peak rate	4,500	360	485	$25.41	$34.23
Family of 2	off-peak rate	4,500	180	245	$12.70	$17.29
Water heater on our off-peak heating rate: $0.0651						
Family of 6	off-peak rate	4,500	540	725	$35.18	$47.23
Family of 4	off-peak rate	4,500	360	485	$23.45	$31.60
Family of 2	off-peak rate	4,500	180	245	$11.73	$15.96

WATER HEATING CONTINUED							
Detail	Approx. wattage	Low hrs. of use	High hrs. of use	Low kWh	High kWh	Low cost	High cost
Heat pump water heater 3.24 EF, heat pump mode	500	—	—	77	112	$8.69	$12.64
Hot tub 4-person, circulating pump	1,500	30	45	45	68	$5.08	$7.68
Hot tub 4-person inside, 120 volt heater	1,500	120	180	180	270	$20.32	$30.48
Hot tub 4-person outside, 120 volt heater	1,500	90	540	135	810	$15.24	$91.44
Hot tub 4-person inside, 240 volt heater	6,000	30	45	180	270	$20.32	$30.48
Hot tub 4-person outside, 240 volt heater	6,000	90	135	540	810	$60.96	$91.44

KITCHEN APPLIANCES							
Detail	Approx. wattage	Low hrs. of use	High hrs. of use	Low kWh	High kWh	Low cost	High cost
Dishwasher	1,300	8	40	10	52	$1.13	$5.87
Coffeemaker	1,000	4	30	4	30	$0.45	$3.39
Frying pan	1,150	5	15	6	17	$0.68	$1.92
Microwave	1,100	5	15	6	17	$0.68	$1.92
Toaster oven	1,500	2	15	1	23	$0.11	$2.60
Range							
Broiler	3,000	1	10	3	30	$0.34	$3.39
Oven	3,500	10	50	35	175	$3.95	$19.76
Small element	1,200	10	25	12	30	$1.35	$3.39
Large element	2,300	10	25	23	58	$2.60	$6.55
Self-cleaning cycle only	3,200	3	6	10	19	$1.13	$2.14
Refrigerator/freezer							
Non frost free 17 cubic feet	500	150	300	75	150	$8.47	$16.93
ENERGY STAR® frost free 19 cubic feet	400	150	300	60	120	$6.77	$13.55
Freezer ENERGY STAR® 19-22 cubic feet—chest	350	180	420	63	147	$7.11	$16.59
Refrigerator/freezer non frost free 17 cubic feet	500	150	300	75	150	$8.47	$16.93
Refrigerator/freezer ENERGY STAR® frost free 19 cubic feet	400	150	300	60	120	$6.77	$13.55

HOUSEHOLD APPLIANCES							
Detail	Approx. wattage	Low hrs. of use	High hrs. of use	Low kWh	High kWh	Low cost	High cost
Clothes dryer	5,000	6	28	30	140	$3.39	$15.80
Clothes washer	500	7	40	4	40	$0.45	$4.52
Dehumidifier	350	120	720	42	252	$4.74	$28.45
Humidifier—portable	100	90	300	9	30	$1.02	$3.39

TELEVISION							
Detail	Approx. wattage	Low hrs. of use	High hrs. of use	Low kWh	High kWh	Low cost	High cost
LED 30"	50	60	440	3	22	$0.34	$2.48
LED 42"	80	60	440	5	35	$0.56	$3.95
LED 50"	100	60	440	6	44	$0.68	$4.97
LCD 50"	150	60	440	9	66	$1.02	$7.45
Plasma 50"	300	60	440	18	132	$2.03	$14.90

LIGHTING							
Detail	Approx. wattage	Low hrs. of use	High hrs. of use	Low kWh	High kWh	Low cost	High cost
Incandescent bulb (60w)	60	17	200	1	12	$0.11	$1.35
Compact fluorescent (60w equivalent)	13	17	200	0.2	3	$0.02	$0.34
LED (60w equivalent)	9.5	17	200	0.2	2	$0.02	$0.23
Chandelier (5 lamps, 40w each)	200	8	100	2	20	$0.23	$2.26
Fluorescent tube (2 tube, 4 ft.)	96	17	320	2	31	$0.23	$3.50
Holiday lights—1,000 mini incandescent	408	60	240	24	98	$2.71	$11.06
Holiday lights—1,000 mini LED	69	60	240	4	17	$0.45	$1.92
Holiday lights—300 C9 incandescent	2,100	60	240	126	504	$14.22	$56.90
Holiday lights—300 C9 LED	29	60	240	2	7	$0.23	$0.79

Hourly usage calculations

MEDICAL EQUIPMENT			
Detail	Approx. wattage	Kilowatt-hours/hour of use	Cost/hour of use
Oxygen concentrator	600	0.6	$0.07
Sleep apnea machine (CPAP)	60	0.06	$0.01

COMPUTERS			
Detail	Approx. wattage	Kilowatt-hours/hour of use	Cost/hour of use
Desktop computer	100	0.10	$0.01
Laptop	50	0.05	$0.01
Monitor—17" CRT	100	0.10	$0.01
Monitor—17" LCD	35	0.04	$0.00

RECORDING AND GAMING DEVICES			
Detail	Approx. wattage	Kilowatt-hours/hour of use	Cost/hour of use
Xbox One	180	0.18	$0.02
DVD player	40	0.04	$0.00
DVR	150	0.15	$0.02

Formula to find the cost to operate any appliance

Operating cost = wattage/1,000 x hours used x cost per kilowatt-hour

Appliance wattage is on the label at the back or bottom of most small appliances. Customers should check their electric service statements for the price per kilowatt-hour that they're paying.

Electric vehicle usage and cost estimate

Cost calculations are intended to be examples only. Your actual price may vary by your state, season, and rate. All cost calculations are rounded to the nearest kilowatt hour and cent.

Electric vehicle use		Miles/ kWh	Monthly kWh		Annual kWh		Monthly low cost	Monthly high cost	Annual low cost	Annual high cost
			Monthly miles		*Annual miles*					
Electric service rate	Model		*667*	*1,000*	*8,000*	*12,000*				
Firm Service ($0.11033)	Car—Tesla Model 3, Chevy Bolt	3.5	190	286	2,286	3,429	$20.96	$31.44	$251.50	$377.26
	Car—Ford Mach-E, Audi e-tron	2.5	267	400	3,200	4,800	$29.34	$44.01	$352.11	$528.16
	Pickup—Ford F-150 Lightning, Rivian R1T	2.0	333	500	4,000	6,000	$36.68	$55.02	$440.13	$660.20
Dual Fuel ($0.06387)	Car—Tesla Model 3, Chevy Bolt	3.5	190	286	2,286	3,429	$12.17	$18.25	$145.99	$218.98
	Car—Ford Mach-E, Audi e-tron	2.5	267	400	3,200	4,800	$17.03	$25.55	$204.38	$306.58
	Pickup—Ford F-150 Lightning, Rivian R1T	2.0	333	500	4,000	6,000	$21.29	$31.94	$255.48	$383.22
MN EV ($0.04479)	Car—Tesla Model 3, Chevy Bolt	3.5	190	286	2,286	3,429	$8.53	$12.80	$102.37	$153.56
	Car— Ford Mach-E, Audi e-tron	2.5	267	400	3,200	4,800	$12.69	$17.92	$143.32	$214.98
	Pickup—Ford F-150 Lightning, Rivian R1T	2.0	333	500	4,000	6,000	$15.87	$22.39	$179.15	$268.73

Notes

December 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
1	2	3	4
8	9	10	11
15	16	17	18
22	23	24 Christmas Eve	25 Christmas Day
29	30	31 New Year's Eve	

THURSDAY	FRIDAY	SATURDAY
5	6	7
12	13	14
19	20	21 First day of winter
26	27	28

January 2025

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

January 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
			1 New Year's Day
5	6	7	8
12	13	14	15
19	20 Martin Luther King Jr. Day	21	22
26	27	28	29

THURSDAY	FRIDAY	SATURDAY
2	3	4
9	10	11
16	17	18
23	24	25
30	31	

February 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April 2025

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

February 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
2	3	4	5
9	10	11	12
16	17 Presidents' Day	18	19
23	24	25	26

THURSDAY	FRIDAY	SATURDAY
		1
6	7	8
13	14 Valentine's Day	15
20	21	22
27	28	

March 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April 2025

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May 2025

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

March 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
2	3	4	5
9 Daylight Saving (start)	10	11	12
16	17 St. Patrick's Day	18	19
23 30	24 31	25	26

THURSDAY	FRIDAY	SATURDAY
		1
6	7	8
13	14	15
20 First day of spring	21	22
27	28	29

April 2025

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May 2025

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June 2025

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

April 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
		1	2
6	7	8	9
13	14	15	16
20 Easter	21	22	23
27	28	29	30

THURSDAY	FRIDAY	SATURDAY
3	4	5
10	11	12
17	18	19
24	25	26

May 2025

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June 2025

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July 2025

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

May 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
4	5	6	7
11 Mother's Day	12	13	14
18	19	20	21
25	26 Memorial Day	27	28

THURSDAY	FRIDAY	SATURDAY
1	2	3
8	9	10
15	16	17
22	23	24
29	30	31

June 2025

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July 2025

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August 2025

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
1	2	3	4
8	9	10	11
15 Father's Day	16	17	18
22	23	24	25
29	30		

THURSDAY	FRIDAY	SATURDAY
5	**6**	**7**
12	**13**	**14** Flag Day
19 Juneteenth	**20** First day of summer	**21**
26	**27**	**28**

July 2025

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August 2025

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September 2025

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
		1	2
6	7	8	9
13	14	15	16
20	21	22	23
27	28	29	30

THURSDAY	FRIDAY	SATURDAY
3	4 Independence Day	5
10	11	12
17	18	19
24	25	26
31		

August 2025

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September 2025

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October 2025

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
3	4	5	6
10	11	12	13
17	18	19	20
24 31	25	26	27

THURSDAY	FRIDAY	SATURDAY
	1	2
7	8	9
14	15	16
21	22	23
28	29	30

September 2025

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October 2025

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

September 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
	1 Labor Day	2	3
7	8	9	10
14	15	16	17
21	22	23 First day of fall	24
28	29	30	

THURSDAY	FRIDAY	SATURDAY
4	5	6
11	12	13
18	19	20
25	26	27

October 2025

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December 2025

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

October 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
			1
5	6	7	8
12	13 Columbus Day	14	15
19	20	21	22
26	27	28	29

THURSDAY	FRIDAY	SATURDAY
2	3	4
9	10	11
16	17	18
23	24	25
30	31 Halloween	

November 2025

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December 2025

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

January 2026

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
2 Daylight Saving (end)	3	4 Election Day	5
9	10	11 Veterans Day	12
16	17	18	19
23 30	24	25	26

THURSDAY	FRIDAY	SATURDAY
		1
6	7	8
13	14	15
20	21	22
27 Thanksgiving	28	29

December 2025

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

January 2026

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2026

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

December 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
	1	2	3
7	8	9	10
14	15	16	17
21 First day of winter	22	23	24 Christmas Eve
28	29	30	31 New Year's Eve

THURSDAY	FRIDAY	SATURDAY
4	5	6
11	12	13
18	19	20
25 Christmas Day	26	27

January 2026

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2026

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March 2026

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
4	5	6	7
11	12	13	14
18	19 Martin Luther King Jr. Day	20	21
25	26	27	28

THURSDAY	FRIDAY	SATURDAY
1 New Year's Day	2	3
8	9	10
15	16	17
22	23	24
29	30	31

February 2026

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March 2026

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April 2026

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

February 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
1	2	3	4
8	9	10	11
15	16 President's Day	17	18
22	23	24	25

THURSDAY	FRIDAY	SATURDAY
5	6	7
12	13	14 Valentine's Day
19	20	21
26	27	28

March 2026

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April 2026

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May 2026

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

March 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY
1	2	3	4
8 Daylight Saving (start)	9	10	11
15	16	17 St. Patrick's Day	18
22	23	24	25
29	30	31	

THURSDAY	FRIDAY	SATURDAY
5	6	7
12	13	14
19	20 First day of spring	21
26	27	28

April 2026

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May 2026

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June 2026

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

2024

JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCTOBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2025

JANUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

FEBRUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

MARCH

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

APRIL

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

MAY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JUNE

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

JULY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

AUGUST

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

NOVEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
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DECEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

2026

JANUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

MARCH

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

APRIL

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19	20	21	22	23	24	25
26	27	28	29	30		

MAY

S	M	T	W	T	F	S
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

JUNE

S	M	T	W	T	F	S
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

AUGUST

S	M	T	W	T	F	S
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23	24	25	26	27	28	29
30	31					

SEPTEMBER

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6	7	8	9	10	11	12
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20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Address/phone directory

CALL BEFORE YOU DIG

Before digging, call the toll-free number for your state to locate buried power lines, pipes, and cables. **Call 811** at least 48 hours before you dig. Phone numbers for each state are listed below.

Minnesota	800-252-1166
North Dakota	800-795-0555
South Dakota	800-781-7474

STATE ELECTRICAL INSPECTOR(S) FOR MY REGION

Name Phone

Address

Counties served

Name Phone

Address

Counties served

Name Phone

Address

Counties served

STATE ELECTRICAL BOARD/COMMISSION FOR CONSTRUCTION CODES AND LICENSING

Minnesota	651-284-5034
North Dakota	701-328-9522
South Dakota	605-773-3573

Address/phone directory

Name/address	Phone	Email

Notes

For more information about any of our programs,
call our **Idea Center** at **800-493-3299.**

OTTER TAIL
POWER COMPANY

otpco.com