

## ASDs improve motor performance and efficiency

An adjustable-speed drive (ASD) matches a motor's energy consumption with its load, often reducing energy use by as much as 50 percent. Qualify for additional rebates when you install ASDs to control motors with varying loads.

### Adjustable-speed drive rebates

Seasonal and HVAC centrifugal applications	\$60/hp
Nonseasonal centrifugal applications	\$100/hp

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

Visit [otpc.com/ASD](http://otpc.com/ASD)  
for more information.

## Take it to the bank

Learn about other rebates and ways to reduce your operating expenses.



Contact your Otter Tail Power Company representative or call our **Idea Center** at **800-493-3299**.

# Efficiency pays

## Receive rebates when you install new motors or adjustable-speed drives

Motors can account for up to 75 percent of total electricity costs in industrial plants and up to 50 percent in commercial buildings. **Replace standard-efficiency motors with motors that meet or exceed NEMA Premium® efficiency** and you can reduce energy use and operating costs.

Install adjustable-speed drives and you'll save even more.



## Motor efficiency requirements

New motors, motors replaced at failure, and inventoried motors must **exceed** NEMA Premium® efficiency to qualify for rebates. Motors replaced prior to failure only must **meet** NEMA Premium efficiency to qualify.

### Minnesota 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 only	New and replacement of nonoperating motors	Replacement of operating motors only	New and replacement of nonoperating motors	Replacement of operating motors only	New and replacement of nonoperating motors	Replacement of operating motors only
1	84.0	82.5	86.5	85.5	78.5	77.0	\$ 30	\$ 60
10	91.7	91.0	92.4	91.7	91.0	90.2	\$ 210	\$ 420
50	94.5	94.1	95.0	94.5	93.6	93.0	\$ 700	\$ 1400
100	95.4	95.0	95.8	95.4	94.5	94.1	\$ 1125	\$ 2250
200	96.2	95.8	96.5	96.2	95.8	95.4	\$ 2000	\$ 4000
300	95.8	95.8	96.2	96.2	95.8	95.8	\$ 3000	\$ 6000
400	95.8	95.8	96.2	96.2	95.8	95.8	\$ 3500	\$ 7000
500	95.8	95.8	96.2	96.2	95.8	95.8	\$ 4500	\$ 9000

### Minnesota 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 only	New and replacement of nonoperating motors	Replacement of operating motors only	New and replacement of nonoperating motors	Replacement of operating motors only	New and replacement of nonoperating motors	Replacement of operating motors only
1	84.0	82.5	86.5	85.5	78.5	77.0	\$ 30	\$ 60
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300	95.4	95.4	95.8	95.8	95.4	95.4	\$ 3000	\$ 6000
400	95.8	95.8	95.8	95.8	95.8	95.8	\$ 3500	\$ 7000
500	96.2	96.2	96.2	96.2	95.8	95.8	\$ 4500	\$ 9000

Visit [otpc.com/Motors](http://otpc.com/Motors) for additional rebate levels on all motor sizes from 1 to 500 horsepower.