

**COLUMBUS ELECTRIC COOPERATIVE, INC.  
ENERGY EFFICIENCY CREDITS FACT SHEET**

**ELECTRIC MOTORS**

**GENERAL INFORMATION**

- Any Columbus Electric Cooperative Member may choose to participate.
- Credits are available to all end-use customer classes.
- No other energy efficiency credit or special rate/discount shall apply.
- Credit must be requested within 120 days of installation
- All motors for irrigation use
- Agricultural, commercial and industrial special purpose motors not covered by the Energy Independence and Security Act of 2007 (EISA). Most motors are covered under EISA and are not eligible for an incentive. Examples of motors covered under EISA and not able to receive incentives include general purpose motors, TEFC, vertical solid shaft. Vertical hollow shaft motors are not covered under EISA and are eligible for an incentive.
- Motors must be a minimum of 10 horsepower and a maximum of 500 horsepower.
- Motors must operate at a minimum of 15% load factor or for a minimum of 3 months each year. Motors less than 10 horsepower qualify if the aggregate for a single application which requires all motors to operate, is at least 10 horsepower and qualify under the above conditions.
- The Member System and member-owner must certify that the motor is new and neither re-wound or moved from another location.
- An invoice or bill of sale is required unless the motor is taken from member's stock.
- Motors taken from member's stock qualify as follows:
  - if the invoice is less than six months old, motor qualifies for the appropriate efficiency payment.
  - if there is no invoice, or the invoice is greater than six months old, motor qualifies for the lowest efficiency payments.
- An Energy Efficiency Credit Application/Certification is required. The customer's social security number or taxpayer ID number must be included.

**EFFICIENCY STANDARDS**

- The minimum efficiency standards for premium efficiency special purpose motors such as vertical hollow shaft is printed in the Special Purpose Motor Table. See attached table.

**PAYMENTS**

- Special purpose premium efficiency motors and all irrigation related motors
  - \$8/hp Rebate for motors 10 through 500 hp
- Wiring Assistance
  - \$1.50/hp if the motor replaces a fossil-fueled engine or is a new installation

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**SPECIAL PURPOSE MOTOR TABLE**  
**MINIMUM EFFICIENCY STANDARDS FOR 10 TO 500 HP MOTORS USED IN IRRIGATION**  
**OR NOT COVERED BY EISA 2007**  
**Example: Vertical Hollow Shaft Motors**

| <b>HP</b> | <b>1800 RPM<br/>% Nominal<br/>Efficiency</b> |
|-----------|--|
| 10        | 88.5   |
| 15        | 91.0   |
| 20        | 91.0   |
| 25        | 91.7   |
| 30        | 92.4   |
| 40        | 93.0   |
| 50        | 93.0   |
| 60        | 93.6   |
| 75        | 94.1   |
| 100       | 94.1   |
| 125       | 94.5   |
| 150       | 95.0   |
| 200       | 95.0   |
| 250       | 95.4   |
| 300       | 95.4   |
| 350       | 96.2   |
| 400       | 96.2   |
| 450       | 96.0   |
| 500       | 95.0   |