

# The right motor

could wind up  
saving you energy  
and money

## To receive your FinAnswer Express incentive:

**Step 1:** Make sure your business is eligible to receive incentives. Your business must be served by Rocky Mountain Power in Utah on one of the following rate schedules: 6, 6A, 6B, 8, 9, 9A, 10, 12, 21, 23 or 23B.

**Step 2:** Confirm your motor qualifies for incentives from Rocky Mountain Power by checking the current requirements of the FinAnswer Express program online at [www.rockymountainpower.net/utsave](http://www.rockymountainpower.net/utsave).

**Step 3:** Purchase a qualifying motor, obtain an incentive application from your motor vendor or at [www.rockymountainpower.net/utsave](http://www.rockymountainpower.net/utsave), and send it and any supporting information in for processing.\*

**Step 4:** Receive your incentives. If you are applying for incentives directly from Rocky Mountain Power, an incentive check will be mailed to you within 4 to 6 weeks.

**If you are a motor vendor and you want to participate,** contact our Motor Energy Efficiency Alliance coordinator by phone at **1-866-415-9800** or e-mail [motors@rockymountainpower.net](mailto:motors@rockymountainpower.net).

*\*On request, some motor vendors will credit your invoice immediately for incentives (with written authorization from you) so you do not have to submit an application.*

## Do the bright thing

- Visit our Web site at [www.rockymountainpower.net/utsave](http://www.rockymountainpower.net/utsave).
- Call our experts at **1-800-222-4335**.
- E-mail us at [energy.expert@pacificorp.com](mailto:energy.expert@pacificorp.com).
- Contact your **local motor vendor**.



# Rocky Mountain Power's FinAnswer<sup>®</sup> Express

## makes it pay to buy premium-efficiency motors

Electric motors are among the largest energy users in industrial, institutional and commercial buildings. They can account for up to 50 percent of a commercial building's energy costs, and up to 75 percent in industrial facilities.

With average annual operating costs for motors about two times the initial purchase price, it pays to purchase a premium efficiency model.

Rocky Mountain Power's FinAnswer<sup>®</sup> Express program can help you start saving now. If you're a Utah customer, FinAnswer Express provides cash incentives when you buy qualifying premium efficiency motors.

## Savings that rev your bottom line

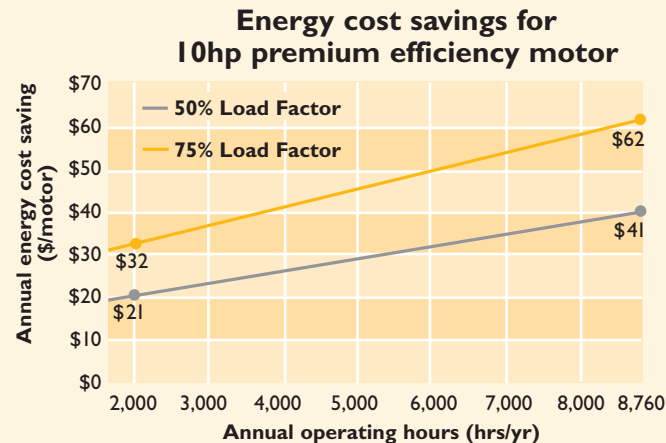
Take a look at what you might save by upgrading to a premium-efficiency motor the next time you buy a new or replacement motor. Potential savings for premium efficiency motors compared to new standard efficiency motors are shown in the *typical motor upgrade economics* table. Savings can be even greater when you replace older, less efficient motors.

*Rocky Mountain Power offers incentives or credits for other energy efficiency improvements including variable frequency drives, HVAC, lighting and more. Visit our Web site for more information. It is important that you contact us before you order your equipment since there are requirements to qualify for incentives.*

Typical motor upgrade economics		
hp	Annual electric cost savings (\$/motor)	Simple payback (yrs) after incentive
1	\$6	0.6
5	\$19	4.3
10	\$41	1.1
20	\$72	0.4
40	\$76	3.0
75	\$164	3.3
150	\$200	3.5
200	\$398	3.2

*Savings are based on a comparison of 1,800 rpm TEFC motors with a 75 percent load factor (LF) that meet EPC standard and premium efficiency levels. Assumes 4,000 hours/yr operation and energy costs of \$0.0299/kwh and \$12.59/kW. Your savings will vary based on actual installation conditions, operating parameters and energy costs.*

*For a typical 10 horsepower (hp) motor, the variation in savings based on operating hours and loading is illustrated in the figure below.*



Your motor vendor can help determine the savings for your facility or you can visit [www1.eere.energy.gov/industry/bestpractices/software.html](http://www1.eere.energy.gov/industry/bestpractices/software.html) for the Motor Master Software. The [www.motorsmatter.org](http://www.motorsmatter.org) Web site is also an excellent resource and has information on motor replacement choices.

## FinAnswer Express motor qualification requirements and incentives

Motors that meet the following requirements may qualify for the incentive amounts listed in the chart below.

- New, 3-phase induction motors
- NEMA Type A & B, Open Drip Proof (ODP) and Totally Enclosed Fan Cooled (TEFC)
- 1,200, 1,800, or 3,600 rpm
- Meet or exceed NEMA Premium<sup>™</sup> efficiency levels (see our Web site for efficiency requirements)

Horsepower	Customer incentive (\$/Motor)
1	\$45
1.5	\$45
2	\$54
3	\$54
5	\$54
7.5	\$81
10	\$90
15	\$104
20	\$113
25	\$117
30	\$135
40	\$162
50	\$198
60	\$234
75	\$270
100	\$360
125	\$540
150	\$630
200	\$630

*Other motor types and sizes may qualify for incentives. Incentive program subject to change – visit the Rocky Mountain Power Web site for current information.*