



## Irrigation Energy Savers

Start saving money today.



*Let's turn the answers on.*

## Incentives for growers

Rocky Mountain Power's Irrigation Energy Savers program is designed to help growers improve the energy and water efficiency of their systems. Irrigation Energy Savers offers you four options for saving energy and money:

1. Equipment exchange (nozzles, gaskets, drains)
2. Pivot and linear equipment upgrades
3. System consultation and pump tests
4. System analysis

### How much are the incentives?

Incentives vary depending on the option selected:

- Equipment exchange incentives cover all of the equipment costs.
- Pivot equipment upgrade incentives cover a portion of the costs.
- Incentives for system analysis are based on energy savings and may cover up to 50 percent of the project cost.

For some incentives, an agreement must be signed before equipment is purchased.

### Eligible customers

- Idaho irrigators served by Rocky Mountain Power on schedule 10.
- To confirm your eligibility, refer to the schedule listed on your Rocky Mountain Power electric bill or contact the Irrigation Energy Savers program at 1-888-928-3751.



## Equipment exchange

Exchange your worn nozzles, gaskets or drains with appropriately sized new equipment and save an estimated 58 cents per nozzle annually (actual cost savings may vary depending on your operation).

### Eligible equipment

from hand lines, wheel lines and solid set sprinkler systems:

- Nozzles
- Gaskets
- Drains

Center pivot sprinkler nozzles and linear move sprinkler nozzles are eligible for a separate incentive described under pivot and linear equipment upgrades.



### Equipment exchange steps:

1. Verify your existing equipment is worn.
2. Bring your old equipment to a participating dealer. Contact the program toll free at 1-888-928-3751 for a list of participating dealers.
3. Give your dealer a copy of your Rocky Mountain Power electric bill to confirm your eligibility. Discuss your operation with the dealer to identify the correct equipment. With the dealer's assistance, complete an equipment exchange application.
4. When you've finished step 3, your dealer will exchange your worn equipment for an equal number of qualifying new equipment at no charge.
5. Install the new nozzles, gaskets or drains and start saving energy and money.

The Irrigation Energy Savers program may verify the new equipment has been installed.

## Pivot and linear equipment upgrades

Under normal operation, pressure regulators and sprinkler nozzles should be changed every five and seven years, respectively. Rocky Mountain Power will provide cash incentives for upgrades of worn pressure regulators, low pressure drains, and sprinkler packages on pivot and linear systems.

### How much are the incentives?

- Low pressure drains: \$4 each
- Sprinkler pressure regulators: \$6 each

### Sprinkler packages

Existing equipment	Replaced with	Incentive
Greater than or equal to 8.5 gpm/acre	Less than or equal to 7.5 gpm/acre	\$900/package
Dual sprinklers greater than or equal to 7.5 gpm/acre	Dual sprinklers less than or equal to 5.5 gpm/acre	\$500/package

### Pivot and linear equipment upgrade steps:

1. Verify your existing equipment is worn.
2. Locate participating dealer by calling the program at 1-888-928-3751.
3. Give your dealer a copy of your Rocky Mountain Power electric bill to confirm your eligibility. Discuss your operation with the dealer to identify the correct equipment.
4. With the dealer's assistance, complete a linear/pivot equipment upgrade application.
5. Purchase equipment from your dealer.
6. Mail or fax the application and all supporting documentation (i.e. invoice, nozzle package print out, etc.) to the address or fax number listed on the application.
7. Install the new equipment.
8. Notify the Irrigation Energy Savers program of completion and schedule a post-installation inspection.
9. The program inspects the project and sends you an incentive check within 45 days.

## System consultation and pump tests

Irrigation systems benefit from proper operation and sizing to help insure that overall pumping efficiency is obtained. The Irrigation Energy Savers program provides system consultation and pump tests to help irrigators improve operations, determine actual pumping efficiencies and identify areas for improvements.

### System consultation

A specialist from the program will perform an on-site system consultation to evaluate:

- Irrigation scheduling
- Visual system inspection
- Pressure and flow estimates
- Electric energy consumption estimates
- Pumping lift estimates

After the visit, a system consultation report will be provided, including recommendations for system improvements.



### Pump tests

If the results of the system consultation report identify possible pump efficiency improvements, the Irrigation Energy Savers program will test selected pumps for flow, lift, power consumption and pressure. These tests will be performed by a qualified program technician; however, all access to electrical panels must be performed by the irrigator or their electrician.

For more information or to request a system consultation, please contact the Irrigation Energy Savers program at 1-888-928-3751.

## System analysis

If you are looking to expand or redesign your system, you can receive an irrigation system energy analysis to help improve your efficiency. You qualify if you are adding capacity, changing your water source, or replacing part or all of your system. An experienced irrigation specialist will complete a comprehensive energy analysis at no cost to you.

### System analysis steps:

1. Contact the Irrigation Energy Savers program at 1-888-928-3751 to request a system energy analysis.
2. The Irrigation Energy Savers irrigation specialist will arrange a site visit.
3. Be present for the on-site analysis performed by the irrigation specialist.
4. After the site work, an irrigation energy analysis report will be provided, including recommendations and an estimated incentive offer.
5. Obtain bids for recommended equipment upgrades from a vendor of your choice.
6. Request a Rocky Mountain Power incentive agreement from the Irrigation Energy Savers program.
7. Sign and return the incentive agreement before signing purchase orders for eligible equipment.
8. Install the upgrades as recommended.
9. Call 1-888-928-3751 to schedule a post-installation inspection.
10. Final incentive payment will be mailed within 45 days of receipt of all required information including invoices and completion of post-installation site inspection.

**For more information**, please contact the Irrigation Energy Savers program administrator at:

**Phone:** 1-888-928-3751

**E-mail:** [ies@rockymountainpower.net](mailto:ies@rockymountainpower.net)

**Web:** [rockymountainpower.net/ies](http://rockymountainpower.net/ies)

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