

Irrigation Peak Rewards



**Bill Credit Options
For Agricultural
Irrigation Customers**

REWARDS

Learn how a simple shift in your irrigation system's energy use can earn you a financial incentive from Idaho Power.



Irrigation Peak Rewards

Idaho Power's Peak Rewards program reduces peak electrical load during hot summer afternoons by partnering with agricultural irrigation customers to reduce the demand on the electrical system. The greatest demand for electricity occurs at the time when farmers are pumping water to their fields, and customers are using air conditioning to cool their homes and businesses. By participating in the Peak Rewards program, you can lower your power bill by receiving a credit on your June, July and August bills.

The Irrigation Peak Rewards program runs from June 15 to August 15 and is available to all Idaho Power irrigation customers receiving service under Schedule 24. You can participate in either the Dispatchable option or the Electronic Timer option.

Customer participation in the past has resulted in a substantial reduction of peak load during summer afternoon hours. This helps Idaho Power continue to provide responsible, reliable, fair-priced electricity for everyone.

Ways To Participate

There are two ways to participate:

Dispatchable option (on-demand load control events)

- Dispatchable load control events can occur Monday through Saturday (excluding July 4) between 1 and 8 p.m., with notice given by 4 p.m. on the day prior to an event.
- Dispatchable load control events can occur up to four hours per day, up to 15 hours per week but no more than 60 hours per season.
- A communication device installed on the customer's electrical panel that allows Idaho Power to remotely control the pumps.
- An option for customers to also have remote control of pumps.
- Special considerations for large service locations (service points with at least 1,000 horsepower and multiple pumps).
- In the event that Idaho Power experiences a system emergency, the load control event time, date and notification limitations do not apply.

Electronic Timer option

- Interruption events occur between 4 and 8 p.m. on predetermined days depending on the demand credit option the customer chooses.
- You can choose to have irrigation pumps automatically turned off one, two or three scheduled days per week.

To participate you must return application information to Idaho Power. In the event that you miss the deadline established by Idaho Power in the early spring of each year, late applications will be accepted on a case-by-case basis.

Application Process

If you operate an agricultural irrigation service point receiving service under Schedule 24 you are eligible to participate in the Irrigation Peak Rewards program. Applications must be received by the deadline established by Idaho Power in the early spring of each year to ensure enrollment into the program for the upcoming irrigation season.

The application process includes:

- submission of application worksheet indicating the service points you want to enroll with the corresponding option selection, and
- submission of signed contract agreement.

All service points that were enrolled in the Dispatchable option the previous year, and have not had the customer name changed, will automatically be re-enrolled each irrigation season unless the customer requests otherwise on the application worksheet.

If you have not participated in the program in the past or have not received an application and want to participate, please contact your local area Idaho Power Agricultural Representative (see phone number list on page 5) to request the application materials or go to www.idahopower.com/irrigation for more information.



Dispatchable Option

This option allows Idaho Power to initiate load control events that prevent pumps from operating at participating service locations during periods when electricity demand is at its highest. Automated metering technology and/or cellular or satellite-based communication will be utilized to dispatch irrigation load on service points of all sizes. This equipment is connected to the electrical panel(s) at a metered service point to control all the irrigation pumps. Installation fees apply to smaller horsepower service locations (refer to the table on page 5). **You can participate in one of three ways:**

- Option 1** Installation of equipment that allows Idaho Power to remotely control the service point during a dispatch event.
- Option 2** Installation of equipment that allows you to remotely control the service point, but allows Idaho Power to remotely control the service point during a dispatch event.
- Option 3** Service points with multiple pumps and at least 1,000 horsepower are eligible to participate as a large service location. Customers under this classification have the option to manually control which pumps are turned off during a dispatch event. Idaho Power will ensure that interval metering is located at each site.

Idaho Power will notify you via phone, text message and/or e-mail by 4 p.m. the day prior to a control event. Event notification is not confirmation of an event. Idaho Power may choose to cancel the event by 12:30 p.m. on the scheduled day. Idaho Power will deliver a confirmation notice 30 minutes prior to the start and upon completion of all control events.

Dispatchable Option Incentives

	Demand Credit (\$ per billing kilowatt)	Energy Credit (\$ per billing kilowatt-hour)
Options 1, 2 and 3	\$4.65	plus \$0.031

Note: The incentive for the Dispatchable option is equivalent to approximately \$22 per horsepower per year for an average participant. An assessment of past Irrigation Peak Rewards participants showed that this Dispatchable option reduced an average participant's total annual bill by approximately 27 percent in 2009.



Electronic Timer Option

The preprogrammed Electronic Timer option allows customers to participate with a predetermined turn off schedule. Installation fees apply to smaller horsepower service locations.

- Interruptions will occur from 4 to 8 p.m. on the predetermined day or days, depending on the bill credit option chosen.
- You may choose the option of having all irrigation pumps on a single service point turned off on one, two or three days per week.
- Idaho Power will determine the specific day or days (Monday through Saturday) to schedule the interruption of all pumps at each service point.

Electronic Timer Option Incentives

Electronic Timer Option	Demand Credit (\$ per billing kilowatt)		Energy Credit (\$ per billing kilowatt-hour)
4–8 p.m. one day per week	\$3.15		
4–8 p.m. two days per week	\$4.65	plus	\$0.002
4–8 p.m. three days per week	\$4.65	plus	\$0.007

Note: An analysis of 2009 Electronic Timer option participants showed this incentive structure gave an average annual bill reduction of 7 percent for one day per week, 12 percent for two days per week and 15 percent for three days per week.



Installation Fees

A nonrefundable installation fee may be applicable depending upon the size, as measured in horsepower, of the irrigation system associated with the participating metered service point.

Dispatchable Option				Electronic Timer Option
Horsepower (HP)	Option 1	Option 2	Option 3	
Less than 30 HP	\$500	\$1000	\$0	\$500
From 30 to 49 HP	\$0	\$500	\$0	\$350
From 50 to 74 HP	\$0	\$0	\$0	\$350
From 75 to 99 HP	\$0	\$0	\$0	\$250
100 HP or greater	\$0	\$0	\$0	\$0

Customer Opt-Out

Dispatchable option

- You can opt out of a dispatchable load control event up to five times per season any time prior to or during an event (not applicable to Large Service Locations).
- Each opt-out incurs a fee of \$0.005 per kilowatt-hour (kWh) based on the current month's total billing kWh (not applicable to Large Service Locations).
- Customers that discontinue participation in the program during June 15–August 15, will incur a fee of \$500 for each service point removed and may not re-enroll the service points until the following year.
- If a load control device has been installed the first year a service point is enrolled and participation is discontinued prior to June 15, you will be assessed a \$500 termination fee.

Electronic Timer option

- After June 15, if you discontinue your participation or reduce the number of days per week a service point is scheduled to turn off, your account will be assessed a \$100 fee for each service point affected. Increasing the number of days per week a service point is scheduled to turn off is not allowed.

For More Information

For more information on this program or the Idaho Power Irrigation Efficiency Rewards program, visit www.idahopower.com/irrigation. Idaho Power Agricultural Representatives are available throughout our service area to answer your questions and provide information.

Blackfoot/American Falls.....	208-236-7744
Twin Falls/Gooding.....	208-736-3430
Mini-Cassia	208-736-3215
Mountain Home/Boise	208-388-6366
Nampa/Caldwell	208-465-8626
Payette/Ontario	208-642-6546
Corporate Office - Boise.....	208-388-2519 or 208-388-2379
Customer Service Center (Treasure Valley)	208-388-2323
Customer Service Center (outside the Treasure Valley)	800-488-6151

Frequently Asked Questions

Am I eligible for this voluntary program? All Idaho Power agricultural irrigation customers with service points operating under Schedule 24 are eligible for this program.

How does the Dispatchable option work? Idaho Power installs an automated metering switch and/or a communication device on your irrigation electrical pump panels that receives a signal from Idaho Power to turn off or not allow the pumps to run when electricity demand is at its highest.

How does the Electronic Timer option work? Idaho Power installs an electronic timer that's programmed to interrupt electric service on irrigation pumps between 4 and 8 p.m. Monday through Saturday from June 15 to August 15. Irrigators may choose to participate on one, two or three regularly scheduled days for each irrigation service point.

How is my incentive calculated?

The **Demand Credit** is calculated by multiplying the Demand Credit amount with the billing demand for June 15 through August 15 (Large Service Locations: Kilowatts used for credit will be calculated by taking the maximum interval demand during the 24-hour period immediately preceding an event minus the average demand during load control events in the billing period). This amount may be prorated for the number of days during the months of June, July and August that fall in the customer's billing cycle.

An additional **Energy Credit** is calculated by multiplying the kilowatt-hour credit by the billing kilowatt-hours for June 15 through August 15 (large service locations: Kilowatt-hours used for credit will be calculated by taking the kilowatt amount used for the Demand Credit multiplied by the total billing kilowatt-hours divided by billing kilowatt). This amount may be prorated for the number of days during the months of June, July and August that fall in the customer's billing cycle.

How can I control my other equipment when my pump gets turned off? It is the customer's responsibility to install the necessary equipment such as pivot relays or pressure switches that will control their equipment when Idaho Power has a dispatch event. Contact your local electrician if this is necessary for your participation.

Why do smaller horsepower pumps have to pay an installation fee? The purpose of the installation fee is to offset a portion of the installation costs associated with metered service points having smaller load reduction capabilities and keeps the program cost effective for Idaho Power and our customers. It is a one-time only fee per service point and is nonrefundable if a device has been installed.

Why is Idaho Power sponsoring this program? Maximum irrigation and air conditioning loads coincide on hot summer afternoons and place the greatest demand on the electricity resources that serve you. This program helps reduce some of that demand.

How do I sign up for the program? If you operated one or more irrigation service points for agricultural irrigation in Idaho Power's service area during the 2009 irrigation season, you can request an application packet be mailed to you in February.

To request an application, please contact your Idaho Power Agricultural Representative or access the application online. Visit www.idahopower.com/irrigation.

Why is Idaho Power paying me to shift my energy use? Reducing the peak demand for energy helps delay the need to acquire other resources to meet the load of the electric system.



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