

Irrigation Efficiency Rewards Menu Option

- Designed to reduce energy consumption by replacing worn or damaged irrigation system components
- Idaho Power provides incentives to customers
- Components can be replaced for incentive only after three years of use
- Pivot packages are normally replaced after 10,000 hours of operation or 5 years of use.

Nozzle Wear and Flow

- If a drill bit does not tightly fit into the same size nozzle, wear has occurred.
- A loose fitting drill bit that has room for the width of one hair equals an increase in water flow of up to 20%

1/4 mile -- 32-Bird Line20% Increase in Flow



29 GPM 1893 kWH \$130.62

Rotating-Type Sprinklers or Low-Pressure Pivot Heads \$2.75





New and Rebuilt Impact Sprinklers \$2.75



Leveler Rebuild Kits \$ 0.75



0.3 GPM20 kWh\$1.35

Pressure Regulators \$5.00



Mineralization buildup

Weakening of the spring from continual movement

Minor wear of parts

Complete Package Regulator, Nozzle, Head \$8.00



5% wear 45 GPM 2937 kWh \$202.68

Goosenecks \$1.00



Wheel Line Gaskets \$1.00



0.5 GPM33 kWh\$2.25

Drains \$1.00



1.7 GPM111 kWh\$7.66

Risercap Gaskets \$1.00



3.9 GPM255 kWh\$17.50

Hand, Wheel or Portable Line Gaskets \$1.00



10 GPM 653 kWh \$45.04

Thunderbird Hubs \$12.00



5.2 GPM339 kWh\$23.42

Aluminum Hand and Wheel Line Repair \$8.00



21 GPM 1371 kWh \$94.58

Center Pivot Base Boot Gasket \$125.00



0.5 GPM33 KWH\$2.25

Irrigation Efficiency Rewards - Custom Program

Existing & New Systems

For significant changes to an Existing system or for installing a New system 25 cents per kWh Saved or \$ 450 per kW -- multiplied by the amount of savings calculated to happen in one season

Idaho Power calculates and verifies kW & kWh savings-New systems savings are based on the difference between what Idaho Power calculates to be standard vs what is actually being installed

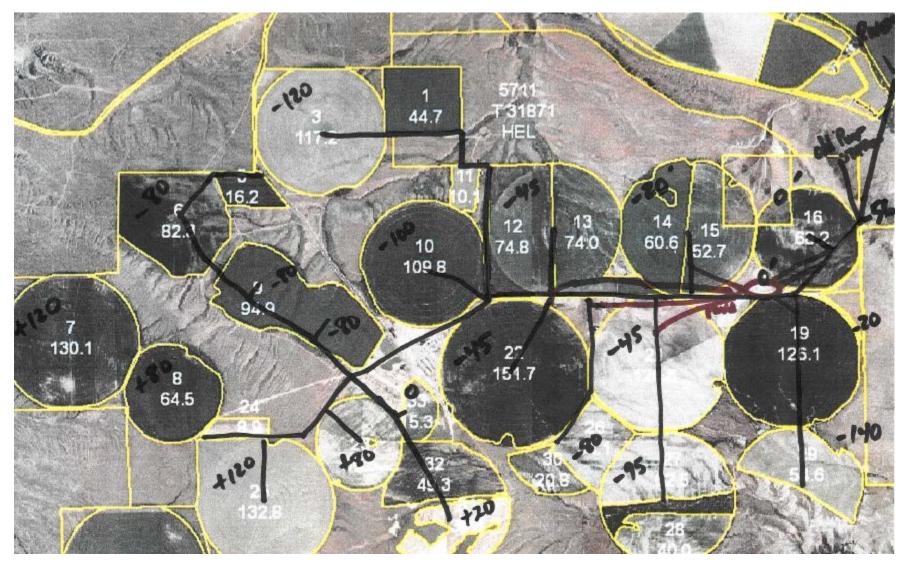
Never more than 75 % of cost for an Existing system, no more than 10 % of cost for New system

Must apply and get approval before project begins

Eight pumps all different Pressures



Pond with Separate Pressure Zones



Supply Pressure in Zones

- Single Pump one pressure zone
- 65 Hp for both- 1500 gpm @ 60 psi probably put in a 75 Hp
 - Versus
- Two pumps two pressure zones
- 25 Hp for Pivot 900 gpm @ 40 Psi
- 20 Hp for Wheelines- 600 gpm @ 60 psi Annual savings \$ 2600

