



DROP IT LOW AND BRING UP THE SAVINGS

NEW, LOW ELEVATION IRRIGATION SYSTEMS OFFER MORE PRECISE APPLICATION—SAVING WATER AND ENERGY

Traditionally, pivot and linear irrigation systems have used high-pressure impact sprinklers mounted on top of the main pipe. Positioning the sprinklers closer to the ground using goosenecks and drop tubes can save water and energy by reducing evaporation which increases the application efficiency and reduces the required system pressure.

Energy Trust of Oregon offers eligible customers a per-drop rebate for upgrading to these irrigation systems. Incentives vary based on which system is selected and whether the pump serving the system has a variable frequency drive (VFD). VFD technology adjusts pump speed to water flow requirements. It also allows a single pump to serve a variety of irrigation systems and provides flexibility to change pressures for the different pumping requirements.

• **Mid-Elevation Spray Application (MESA)** systems use sprinklers that operate within 5-10 feet of the ground.

Incentives for upgrading to MESA systems are available only for retrofit upgrades to existing high-pressure impact sprinkler systems.

• **Low Elevation Spray Application (LESA)** systems use sprinklers that operate within one foot of the ground.

• **Low Energy Precision Application (LEPA)** systems use sprinklers or bubblers that operate at the ground level.

• **Precision Mobile Drip Irrigation (PMDI)** systems take it a step further and use ground-level drip tubing attached to the end of the drop tubes.

Apply for cash rebates after you convert your linear or pivot to a qualifying MESA, LESA, LEPA or PMDI irrigation system.

Incentives

- Upgrade for systems with VFD \$45 per sprinkler drop
- Upgrade for systems without VFD \$25 per sprinkler drop

See rebate form 420PL for eligibility requirements and additional details. Annual incentive limits per site apply. Other requirements may apply and incentives are subject to funding availability and may change.



Get more from your energy.

To learn more, contact your vendor, call us at **1.866.202.0576** or email **production@energytrust.org**.

Benefits may include:

- Uses less water and energy
- Improves crop yield
- Requires less maintenance
- Keeps wheel tracks drier
- Prevents lodging on crops

Energy Trust of Oregon

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Serving customers of Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas and Avista. 1/24