

Ag Sprinkler Package Hand & Wheel Line

Member Requirements:

- Complete Ag sprinkler rebate application
- Provide invoices
- Provide Project information form if upgrade to LEPA, LESA, MIDI if not already LEPA, LESA or MIDI
- Save document before submitting

Information:

- Rebate is based on the measures completed.
- New, retrofit & conversion packages are potentially available
- Rebate is sent as a check to the member once all paperwork is received, processed & BPA has approved the project.
- Each pivot upgrade needs its own packet
- Buy local rebate of 10% of the project cost up to \$50, if qualifies
- This is a BPA rebate.

Types of Systems:

- MESA = Mid Elevation Sprinkler Application (This is typically what our ag members have)
- LEPA = Low Energy Precision Agriculture
- LESA = Low Elevation Sprinkler Application
- MDI = Mobile Drip Irrigation
- High Pressure = Sprinklers are on top of pivot
- Wheel Line
- Hand Line

OTEC Agriculture Sprinkler Hand and Wheel Line System Upgrade Worksheet

Fill out one form for each irrigation system

Date:

Contact:

Irrigators Name:

Meter #

Mailing Address:

Completed Date:

Acres:

Service Location:

PSI:

Field Identifying Information:

Phone:

Type of System before upgrade:

Type of System after upgrade:

High Pressure, MESA, LEPA, LESA, MDI, Wheel-Line, Hand-Line

Description

Number of Units

Replace leaking drain gasket with new gasket	
Replace leaking impact sprinkler with new or rebuilt impact sprinklers	
Sprinkler Upgrade from High Pressure to MESA**	
Sprinkler Upgrade from High Pressure to LEPA/LESA/MDI**	
Sprinkler Upgrade from MESA to LEPA/LESA/MDI	
Sprinkler Replacement LESA/LEPA/MDI per drop	
Sprinkler Replacement MESA per drop	

** High pressure systems deliver 35 psi or more to critical sprinkler

*** Sprinkler upgrades and conversion packages can be combined if doing conversion that meets the requirements Measures must be installed and operational. Material invoice must include:

- Measure requirements have been met (i.e., manufacturer, model number, type, size and quantity of equipment or product installed/used)
- Order & purchase date
- Cost

Program Agreement:

OTEC's energy efficiency (EE) program budget may be limited and are time sensitive; therefore, pre-approval of all projects is required. EE projects must comply with the current BPA and/or OTEC standards. OTEC reserves the right to withdraw a project if not completed within 90 days of this signed agreement. Any deviation from program standards without written authorization from OTEC may invalidate the project and a member's qualification for EE program. The member agrees to release OTEC and hold it harmless from any and all liability associated with the completed work or material installed or applied through an EE project. All energy savings results are assumptions and estimates from acceptable standards of installed material. OTEC is not responsible nor guarantees any stated or estimated energy savings from this program. The selection and use of acceptable and conforming material is the sole responsibility of the member and OTEC assumes no warranty of the service or material.

(Qualified OTEC member), I certify that I have read and understand the OTEC program agreement and agree to abide by those requirements. I certify that to the best of my knowledge the information on this application is true and current.

Authorized Members Signature

Date

Irrigation System Conversion for LESA / LEPA / MDI

Project Information Form for BPA Irrigation Measure

Instructions: To be eligible for incentives, complete this form for each center pivot/lateral move irrigation system *converted* to Low Elevation Sprinkler Application, or LESA; Low Energy Precision Agriculture, or LEPA; or Mobile Drip Irrigation, or MDI. Complete this form with the best information you have and submit it, along with the sprinkler invoices, to your serving utility.

A. FARM AND PUMP INFORMATION

SERVING UTILITY: Oregon Trail Electric Cooperative

Farm Identifier:			County: Oregon		
Meter No. of primary pumping plant:			Account No:		
Date of LEPA / LESA / MDI installation:	Month:	Year:	Pivot ID:		
Estimated flow of pivot <i>before</i> conversion :	GPM	Estimated pivot run time (hrs/yr):			
Design flow of pivot <i>after</i> conversion to LESA / LEPA / MDI:	GPM	LESA <input type="checkbox"/>	LEPA <input type="checkbox"/>	MDI <input type="checkbox"/>	
Estimated pressure of pivot before conversion at the pivot point?	PSI	PSI after conversion?			
What is primary pumping plant estimated lift from water source (e.g., from well or canal water surface)? Feet					
What is approximate elevation at primary pumping plant?			Feet above mean sea level		
What is approximate elevation of converted pivot point?			Feet		
What is type and age of pivot control panel?	Brand and model			Year	
How is pivot operation controlled (remotely, timer, manual, etc.)?					
Does primary pump use Variable Frequency Drive?			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Is this field using a structured irrigation scheduling or water management strategy?			<input type="checkbox"/> Yes	<input type="checkbox"/> No	

B. IRRIGATION SYSTEM INFORMATION

Total irrigation system size served by irrigation pumping plant:	Acres			
Number of acres under the pivot or lateral move irrigation system converted to LEPA/LESA:				
System design soil type (silt loam, clay, sand, etc.):				
Terrain type (flat, sloping, rolling, +10 feet, -20 feet, etc.):				
	2019	2020	2021	2022
Crop type under the converted pivot				

C. ANNUAL ENERGY USAGE INFORMATION

Utility can complete this section.

	2019	2020	2021	2022*
Primary pumping plant (kWh):				
Booster pumps associated with converted pivot (kWh):				

*The 2022 data will be entered after completion of the 2022 irrigation season.

D. FINAL INFORMATION

Total installed cost of the conversion (before incentive) includes equipment, labor and tax \$					
Did you receive incentives?	<input type="checkbox"/> No	<input type="checkbox"/> Yes If yes, from whom?	<input type="checkbox"/> NRCS	Serving utility <input type="checkbox"/>	Other:
Representative signature		Print name		Date	
		Phone () - -		/ /	

By signing this form, I confirm that the above information is correct to the best of my knowledge.

Thank you for completing this form.