



# OREGON TRAIL ELECTRIC CO-OP

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A Touchstone Energy® Cooperative  
*The power of human connections®*



4005 23<sup>rd</sup> Street · PO Box 226 · Baker City, Oregon 97814  
Phone (541) 523-3616 · Fax (541) 524-2864

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## City of John Day Innovation Gateway

Oregon Trail Electric Cooperative (OTEC) recognizes the effort to develop and improve the proposed development area on the west side of the City of John Day, along the John Day River. In order to accommodate new industrial and residential load growth in the area, OTEC is proposing the two projects detailed below.

### Project #1: Patterson Voltage Conversion

OTEC operates two different distribution voltages in the John Day area, a 12,500 volt system and a 34,500 volt system. The 12,500 volt system currently supplies power to the proposed growth area, however, only the 34,500 volt system has capacity for growth.

This project includes converting the local distribution facilities along Patterson Bridge Road and east along the river, from 12,500 volts to 34,500 volts. This voltage conversion is necessary to support the new load and provide additional capacity for any future load.

A plan view of the project area is attached.

The cost of this project is estimated at \$240,000 and is scheduled for construction in late 2020.

### Project #2: 7<sup>th</sup> Street Underground

The City of John Day has proposed construction and excavation along the 7<sup>th</sup> Street, as part of the 7<sup>th</sup> Street Extension Project. OTEC would like to take advantage of the cost savings by utilizing existing open trenches and install backbone electrical facilities at that time. These electrical facilities will primarily provide a looped (backup) power feed to the area and offer a readily available source of power along the way.

In addition to cost savings, this project will also prevent OTEC from needing to excavate over newly installed facilities in the near future, when electrical service is required.

A plan view of the project area is attached.

The cost of this project is estimated at \$65,000 and construction is scheduled in 2021.





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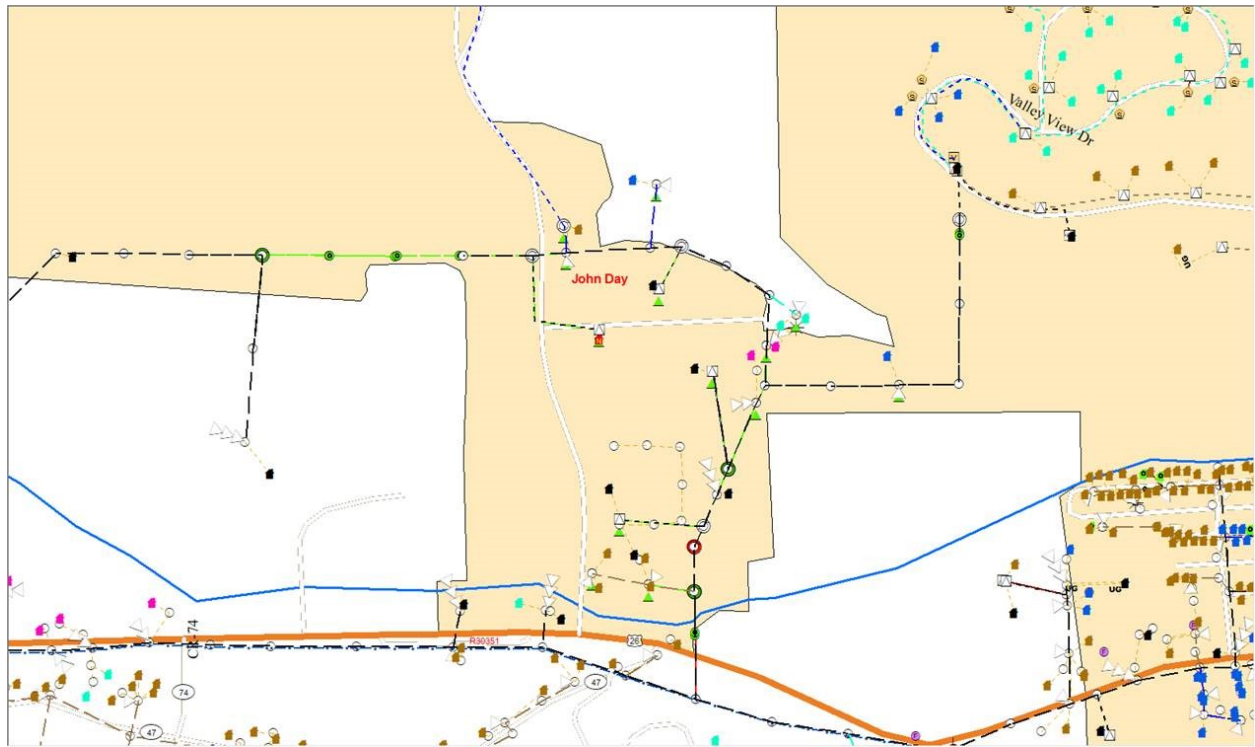
Patterson Voltage Conversion Areal View

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567 W Pierce  
Burns, Oregon 97720  
(541) 573-2666

**John Day**  
400 Patterson Bridge Road · PO Box 575  
John Day, Oregon 97845  
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**La Grande**  
2408 Cove Avenue  
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Patterson Voltage Conversion Network View



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