



Sunset Road-to-Reata Road Transmission Projects Fact Sheet



Benton PUD and the City of Richland Energy Services are working together on power line projects in the Badger Mountain and Badger Canyon areas to provide needed capacity and reliability for new and existing customers.

Background

The Tri-Cities area continues to grow leading to a vibrant economy benefiting its citizens. As a result Benton PUD and Richland Energy Services continue to experience significant, steady customer growth in the Badger Mountain and Badger Canyon areas.

Project Overview

As part of their respective facilities planning, Richland Energy Services identified the need for a new substation on Dallas Road, and each utility identified the need for additional transmission lines along Jacobs Road, Dallas Road, and I-82 to interconnect their substations to the Bonneville Power Administration's (BPA) transmission system.

Richland Energy Services plans to build a new substation near Dallas Road in 2019. Staff are working with BPA and Benton PUD to interconnect the planned 115-kV Reata-to-Dallas Road transmission line to the existing BPA Reata line to energize the new substation. Richland Energy Services crews will begin constructing the new 3 mile-long transmission line in Q2 2017 and complete construction in Q3. Beginning in Q1 2019, Benton PUD will construct another new 115-kV transmission line from its Sunset Road Substation to the new Richland Energy Services Dallas Road Substation with construction expected to be completed by Q2 2019.

Partnering Benefits Customers

Benton PUD and Richland Energy Services have a successful history of partnering on projects to increase operational efficiency and benefit their customers. This collaboration results in increased system reliability at a cost that is significantly less than if each utility constructed its own facilities and duplicated services.

Both utilities need additional capacity and operational flexibility to ensure reliable electric service, and their joint planning will meet this need in the most cost-effective way possible.

The growing development and pressure on the electrical capacity requirements in southeast and southwest Richland specifically could eventually lead to increased power outages due to system overload. The transmission projects and new Dallas Road Substation will enable Richland Energy Services to reduce the need for temporary outages to shift loads and will provide Benton PUD with the capacity needed to meet continued development of the Badger Canyon area.



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Investing in the Future

The estimated costs for the combined transmission and substation project is \$8.2 million, which will be funded by bonds and electric rates.

Richland Energy Services Project Investment:

Phase 1: Reata-to-Dallas Road Transmission line - \$1.5 million

Phase 2: Dallas Road Substation - \$4.2 million

Phase 4: Distribution feeders from Dallas Road Substation - \$0.5 million

Benton PUD Project Investment:

Phase 3: Sunset Road-to-Dallas Road Transmission Line: \$2.0 million.

Project Schedule

Phase 1: Reata-to-Dallas Road Transmission Line – Construction Q2 2017;
Commissioning 2020

Phase 2: Dallas Road Substation – Construction 2019; Commissioning: 2020

Phase 3: Sunset Road-to-Dallas Road Transmission Line: Construction &
Commissioning: 2019

Phase 4: Distribution feeders from Dallas Road Substation – Construction 2019;
Commissioning 2020.

For more information, contact

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