



December 21, 2023

Mr. Tom Carr, Chair  
WECC Studies Subcommittee  
Western Energy Board

Mr. Doug Tucker  
Senior Staff Engineer  
Western Electricity Coordinating Council

## **2024 Annual Progress Report Tri-State Generation and Transmission Association**

In accordance with WECC reporting requirements, the following Annual Progress Report is submitted by Tri-State Generation and Transmission Association. This report includes updates to previously reported projects, initial progress reports for new projects, and descriptions of projects for which Tri-State requests waivers of Significant Project Status.

### **San Luis Valley-Poncha 230 kV Line Project (previously San Luis Valley-Carson 230kV Line Project and San Luis Valley-Calumet-Comanche Transmission Project) (2013 Waiver Granted)**

This project consists of a new 230 kV transmission line from the existing San Luis Valley Substation to the existing Poncha Substation. This project is under re-evaluation through sub-regional planning groups and the projected in-service date for this project is TBD.

### **Burlington – Lamar 230 kV Line (2022 Waiver Granted)**

This project consists of a new 230 kV transmission line from the existing Burlington Substation to the existing Lamar (Tri-State) Substation. This project was coordinated in the Colorado Coordinated Planning Group via the Responsible Energy Plan Task Force. This project is needed for local reliability and renewable energy development purposes. The projected in-service date is 2025, initial stages of the construction process have begun.

### **Boone – Huckleberry 230 kV Line (2022 Waiver Granted)**

This project consists of a new 230 kV transmission line from the existing Boone Substation to a new Huckleberry Substation, which will sectionalize the existing Comanche – Walsenburg 230 kV line near Comanche Substation. This project was coordinated in the Colorado Coordinated Planning Group via the Responsible Energy Plan Task Force. This project is needed for local reliability and renewable energy development purposes. The projected in-service date is 2026.

### **Badger Creek – Big Sandy 230 kV Line (2022 Waiver Granted)**

This project consists of a new 230 kV transmission line from the existing Big Sandy Substation to a new Badger Creek Substation, which will sectionalize the existing Henry Lake – Story 230 kV line. This project was coordinated in the Colorado Coordinated Planning Group via the Responsible Energy Plan Task Force. This project is needed for local reliability and renewable energy development purposes. The projected in-service date is 2028.

### **Big Sandy – Burlington 230 kV Line Uprate (2022 Waiver Granted)**

This project consists of structure replacements and/or modifications along the existing Big Sandy – Windtalker – Landsman Creek – Burlington 230 kV line to improve the line rating. This project was



coordinated in the Colorado Coordinated Planning Group via the Responsible Energy Plan Task Force. This project is needed for local reliability and renewable energy development purposes. The projected in-service date is 2028.

### **Crosspoint 230 kV Substation (2023 Waiver Granted)**

This project consists of a new 230 kV Crosspoint Substation, which will sectionalize the existing Lincoln – Midway 230 kV line. This project is needed to improve load-serving capability and create a new delivery point, and is not expected to have significant impact to the reliability of the WECC interconnected system. The projected in-service date is 2025.

### **Initial Progress Reports and Request for Waiver**

The following projects are being submitted in accordance with WECC reporting requirements for new projects. Tri-State requests a waiver of Significant Project Status for the following projects:

- Milk Creek 345 kV Substation
- Valent 230 kV Substation

Appendix A of this report contains the project descriptions, planned operating dates, project schedules, and other requested information. The projects are Points of Interconnection for new generation (less than 200 MW) and are not expected to have any significant impact to the reliability of the WECC interconnected system.

### **Generation Progress Reports**

The following Generation resources (200 MW or greater) in Table 1 went into service in 2023 or are planned to be in-service between 2024 and 2026.

Project Name	Point of Interconnection	Owner	Net MW	Type	ISD
Escalante	Escalante 230kV	Turning Point	200	Solar	2024

Please feel free to contact me if you have any questions.

Regards,

Curt Feinberg, P.E.  
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Tri-State Generation and Transmission Association  
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CC: StS



**TRI-STATE**

**2024 Annual Progress Report  
Tri-State Generation and Transmission Association**

**Appendix A: Initial Progress Reports and Request for Waiver**



**TRI-STATE**

**Tri-State Generation and Transmission Association  
2024-2034 Transmission Plan  
Milk Creek 345 kV Substation**

<b>Project Sponsor:</b>	Tri-State Generation and Transmission Association
<b>Additional Project Participants:</b>	White River Electric Association (WREA) Axial Basin Solar LLC
<b>Project Description:</b>	Construct a new 345 kV generation serving substation sectionalizing the Craig – Meeker 345 kV line
Voltage Class:	345 kV
Facility Rating:	1195 MVA
Location:	Moffat County, North of 138kV Axial Basin substation
Type of Project:	Substation, Generation Interconnection
Development Status:	Under Construction
<b>Purpose of Project:</b>	Create point of interconnection for new generation facility (145 MW).
Project Driver (Primary):	Generation
<b>Estimated Cost (in 2023 Dollars):</b>	\$15,600,000
<i>Schedule:</i>	
Construction Date:	
Planned In-Service Date:	2024
Regulatory Info:	CPCN Granted (Decision No. C22-0470)
Regulatory Date:	August 9, 2022
Permitting Info:	
Permitting Date:	
<i>Contact Information:</i>	Curt Feinberg
Email	<a href="mailto:curt.feinberg@tristategt.org">curt.feinberg@tristategt.org</a>
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## Valent 230 kV Substation

<b>Project Sponsor:</b>	Tri-State Generation and Transmission Association
<b>Additional Project Participants:</b>	San Isabel Electric Association (SIEA) JUWI Inc.
<b>Project Description:</b>	Construct a new 230 kV generation serving substation sectionalizing the Walsenburg – Gladstone 230 kV line
Voltage Class:	230 kV
Facility Rating:	642 MVA
Location:	Las Animas County, North of Trinidad
Type of Project:	Substation, Generation Interconnection
Development Status:	Under Construction
<b>Purpose of Project:</b>	Create point of interconnection for two new generation facilities (100 MW and 40 MW).
Project Driver (Primary):	Generation
<b>Estimated Cost (in 2023 Dollars):</b>	\$6,700,000
<i>Schedule:</i>	
Construction Date:	
Planned In-Service Date:	2024
Regulatory Info:	CPCN Granted (Decision No. C22-0006)
Regulatory Date:	January 5, 2022
Permitting Info:	
Permitting Date:	
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