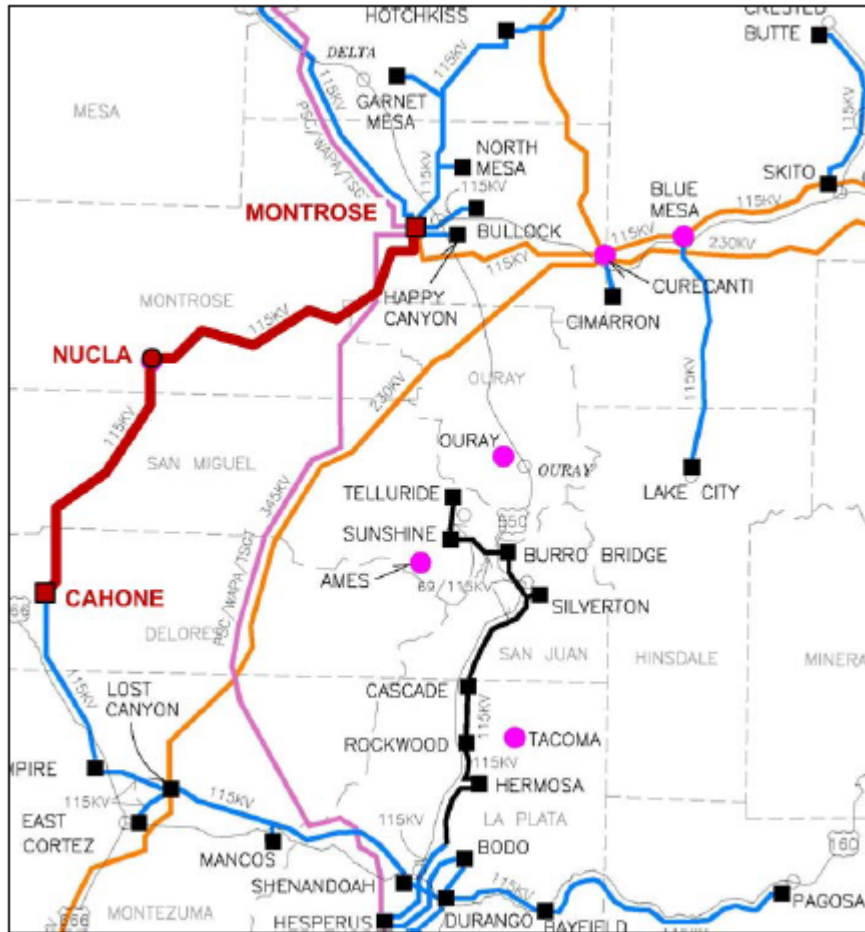


# Tri-State Generation and Transmission Association 2014-2023 Transmission Plan

## Montrose - Nucla - Cahone Transmission Upgrades (Formerly: Western Colorado Transmission Upgrade Project)

<b>Project Sponsor:</b>	Tri-State Generation and Transmission Association
<b>Additional Project Participants:</b>	
<b>Project Description:</b>	Upgrade existing transmission line and facilities from Montrose substation to Cahone substation
Voltage Class:	230 kV
Facility Rating:	645 MVA
Point of Origin/Location:	Montrose
Point of Termination:	Cahone
Intermediate Points:	Nucla
Length of Line (in Miles):	80 Miles
Type of Project:	Transmission Line
Development Status:	Under Construction
Routing:	
Subregional Planning Group:	CCPG
<b>Purpose of Project:</b>	Reliability - eliminate need for existing Nucla Remedial Action Scheme and replace transmission line that is reaching its life expectancy.
<b>Estimated Cost (in 2013 Dollars):</b>	\$42,000,000
<b>Schedule:</b>	
Construction Date:	2014
Planned In-Service Date:	2019
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
<b>Contact Information:</b>	Matthew Haag
Email	mhaag@tristategt.org
Phone	(303) 254-3154
Website Information	<a href="http://www.tristategt.org/transmissionPlanning/puc3627_TransmissionProjects.cfm">http://www.tristategt.org/transmissionPlanning/puc3627_TransmissionProjects.cfm</a>

*Montrose – Nucla – Cahone Transmission Upgrades*



**Figure 10:** *Montrose – Nucla – Cahone Transmission Upgrades Map*

Tri-State has some aging infrastructure in southwestern Colorado that will soon need to be replaced or rebuilt. That infrastructure includes the 54 year-old 115 kV circuits extending from the Nucla generating station to Montrose and Cahone. Under certain system conditions, the ability to schedule Nucla generation is limited by overloading conditions on sections of these lines. These lines are also limiting elements in Tri-State’s load-serving path to its member systems in southwest Colorado. Tri-State has recently received formal requests for additional load from its members that cannot be accommodated with the existing transmission system. This project will convert the existing Montrose – Nucla – Cahone 115 kV line to 230 kV, 1272 ACSR construction.