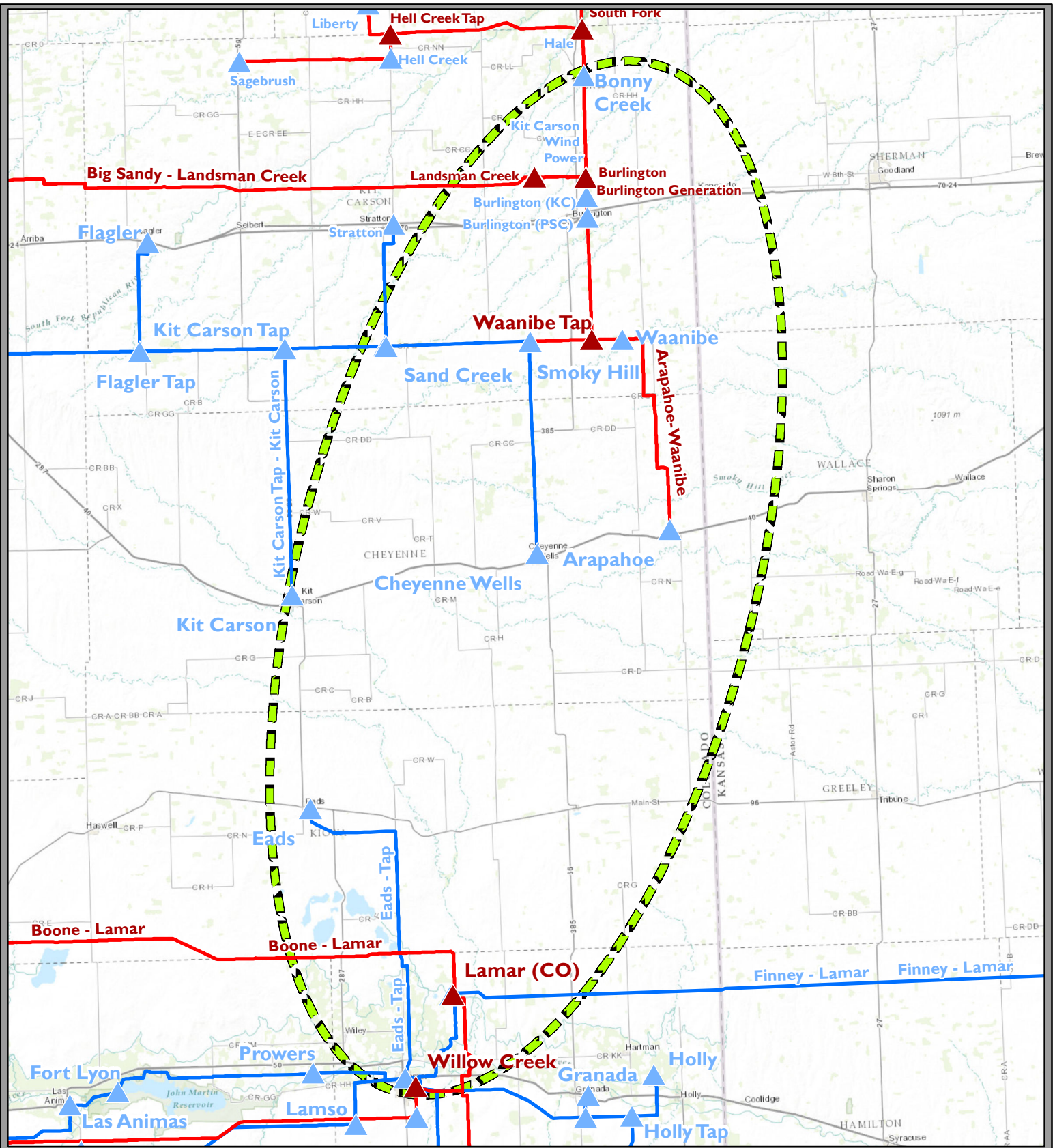


Tri-State Generation and Transmission Association
2016-2026 Transmission Plan
Burlington-Lamar 230 kV Transmission Project

Project Sponsor:	Tri-State Generation and Transmission Association
Additional Project Participants:	
Project Description:	Construct a 230 kV transmission line from Boone Substation to Lamar Substation
Voltage Class:	230 kV
Facility Rating:	642 MVA
Point of Origin/Location:	Burlington
Point of Termination:	Lamar
Intermediate Points:	
Length of Line (in Miles):	107 Miles
Type of Project:	Transmission Line
Development Status:	Planned
Routing:	
Subregional Planning Group:	CCPG
Purpose of Project:	Member network service, load-serving, reliability
Project Driver (Primary):	Reliability
Project Driver (Secondary):	
Estimated Cost (in 2014 Dollars):	\$53,000,000
Schedule:	
Construction Date:	
Planned In-Service Date:	2020
Regulatory Info:	
Regulatory Date:	
Permitting Info:	
Permitting Date:	
Contact Information:	Chris Pink
Email	cpink@tristategt.org
Phone	(303)254-3339
Website Information	http://www.tristategt.org/transmissionPlanning/puc3627_TransmissionProjects.cfm

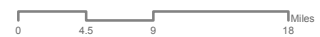


Tri-State Generation and Transmission

**Burlington-Lamar
345/230kV
Transmission Project**



- ▲ Station - Tri-State
- ▲ Station - Other Utility
- Transmission Line - Tri-State
- Transmission Line - Other Utility
- Project Area



Last Updated: 11/30/2015
Author: ricgar

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Burlington-Lamar 230kV Transmission Project

Past studies in the Boone-Lamar area of Colorado have shown voltage collapse for the Boone-Lamar 230kV line outage with cross-trips of all generation injected at Lamar 230kV. In order to mitigate these violations and provide for future growth and potential new generation, Tri-State determined the best solution was to construct a new transmission line from the existing Burlington substation to the existing Lamar substation.