

Appendix K

2024 Rule 3627 Ten-Year Transmission Plan

Public Service Company of Colorado

Stakeholder Comments

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Introduction

Section VI of the 10-Year Report describes stakeholder outreach efforts by each entity. That section describes the numerous opportunities and forums that were and are available for stakeholders to participate in the transmission planning processes. Those forums include Rule 3627 webinars, FERC 890 meetings, CCPG meetings, CCPG task force and subcommittee meetings, and project-specific open houses. In addition to those forums, stakeholders also have the opportunity to provide written comments. Written comments received pertaining to Rule 3627 have been included in this appendix along with Public Service's response. To the extent that stakeholders provided feedback on Planned or Conceptual projects, those comments are addressed in planning study reports for the specific project.

Utility Consumer Advocate Request

Request

The Utility Consumer Advocate request came to Public Service on November 14, 2022, via a Colorado Coordinated Planning Group (CCPG) meeting. It was determined that this request was directed to Public Service and thus would be better handled through the Company's established process.

Stakeholders are encouraged to propose alternatives as well as bring forward any specific electric transmission interests of Stakeholders. The Utility Consumer Advocate would like to study a new transmission circuit between Cherokee and a new switching station that connects to Fort St. Vrain and Fort Lupton. The original request form is included for reference.

Public Service Response

Public Service has informed the Utility Consumer Advocate that the conceptual transmission expansion will be studied to identify any possible benefits. Stakeholders at CCPG will be included on any meetings and notices once the study is kicked off.

CCPG Comment Form

(For Stakeholder Comments, Requests for Clarification, Reliability Studies, Alternative Evaluation, and other General Feedback)

Provide the information in the yellow boxes. If the information is unavailable or unknown, please indicate.

Requester Information:

Date: 11/14/2022
 Requester: Utility Consumer Advocate
 Address: 1560 Braodway, Suite 200
 State & Zip: Denver, CO 80202
 Requester Contact: Chris Neil
 Title: Rate/Financial Analyst
 Phone Number: 303-894-2124
 Email: chris.neil@state.co.us

General Information:

Study or Project Name:	Domguez to Cherokee 230 kV Line
New Study or Alternative:	New Study
Narrative Description:	Add a new line to Cherokee from the intersection of lines 5307 and 5385 from Ft. St. Vrain and line 5183 from Ft. Lupton to Cherokee. The existing line 4183 line runs down Washington Street as a single-circuit line with one conductor on double circuit poles with the other side of the poles open. Add this proposed line on the open side of the poles. The Ft. St. Vrain lines are just part of PSCo's outer 230 kV ring and do not go to the load center. Thus, this addition provides a direct connection from Ft. St. Vrain line to the load center at Cherkee. If possible, just tap one of the Ft. St. Vrain lines (5307 or 5385) and string the open side of the poles. This might only cost about \$15 million. A switching staion would allow a bus where both the Ft. Vrain lines can send power to Cherokee. If a switching station is needed, however, this might increase the cost to around \$40 million.
Study Horizon Date:	2024-2030
Geographic Footprint Impacted:	Nothern Denver, but also imports from Northeastern Colorado.
Load and Resource Modeling:	PSCo's standard Electric Resouce Plan load forecast (Proceeding No. 21A-0141E).
Transmission Modeling	Powerflow modeling.
Suggested Participants (TP's, LSE's, Work Groups)	PSCo primarily. Tri-State has a substation on the existing transmission line at JL Green. At that point, the line number on the Denver Transmisision Map appears to switch from 5183 to 5527.
Policy Issues to be Addressed (SB100, RES, FERC, NERC, etc)	Additional injection on the PSCo system and ability to meet greater emissions reductions. Also Equity and Impact on Disporportionally Impacted Communities. See below.
Other Factors to be Considered:	There are several questions to be examined. One is how much, if any, the new FSV-Cherokee line increases interconnection capacity. The hope is that the new line will increase injection capacity by at least 200 MW in order to justify the cost of the line (which is better if the cost is only \$15 million. Additional injection is important because Power Pathways injets at Ft. St. Vrain, injection at the North Keenesburg Switching Station that is the subject of another CCPG request, additional capacity located directly at Ft. St. Vrain, or other capacity in the area. Another issue is Equity and impact on the Disporportionally Impacted Communities around Cherokee who have been subjected to decades of emissions from the units at Cherokee. Cherokee emissions were substantially reduced with the closure or conversion of all the coal-fired generation at Cherokee under the Clean Air-Clean Jobs Act, but there continue to be emissions from the gas-fired units at Cherokee. The question to be studied here is whether the addition of this line enables the generation at the remaining Cherokee units to be reduced even further.
Type (Powerflow or Stability):	Powerflow.

Return To:

CCPG Chair: **Chris Pink**
 In care of: **Tri-State Generation and Transmission, Inc.**
 Address: **1100 West 116th Ave.**
 City, State, Zip: **Westminster, CO 80234**
 Phone: **303-254-3339**
 Email: cpink@tristategt.org

All study requests received from stakeholders will be reviewed and evaluated to determine the appropriate process for addressing. This planning process does not replace the System Impact Study process. Specific requests for transmission service or generation interconnection will continue to be studied pursuant to existing OATT processes.