Transmission Planning West
1800 Larimer, Suite 400

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Subject: PSCo 2024 Annual Progress Report

In accordance with the WECC Progress Report Policies and Procedures, the following is Public Service Company of Colorado's ("PSCo") Annual Progress Report. The projects below are provided for information and have no significant impact on the WECC interconnected transmission system.

I. Transmission Projects

A. Previously Reported Projects:

1. Greenwood – Denver Terminal Transmission Project

The Greenwood – Denver Terminal Transmission Project consists of an approximately 15-mile 230 kV transmission line within the Denver Metro area from the existing Greenwood Switching Station to the Denver Terminal Substation. The project will primarily use existing right-of-way corridors and loop into the Arapahoe Substation. The project will assist in importing renewable generation in eastern and southern Colorado into the major load center in Denver as part of Xcel Energy's Colorado Energy Plan. The project has been placed in-service as of June, 2023. The project was granted a waiver of significant transmission project status in 2020.

2. Colorado's Power Pathway

Colorado's Power Pathway (CPP) is a major transmission project proposed by PSCo to improve the state's electric grid and enable renewable energy development around the state. The project is estimated to consist of approximately 560 miles of new double circuit 345 kV lines, four new substations (Canal Crossing, Goose Creek, May Valley and Sandstone) and modification/expansion of four existing stations (Cheyenne Ridge, Fort Saint Vrain, Harvest Mile and Tundra). The five 345 kV double-circuit line segments comprising the project have in-service dates ranging from 2025 to 2027. The CPP project received Colorado Public Utilities Commission (CPUC) approval in 2022. Additional information can be found at www.coloradospowerpathway.com. The project was granted a waiver of significant transmission project status in 2022.

3. Ault – Cloverly 230/115 kV

This project was previously referred to as the Northern Greeley Transmission Project. It consists of approximately 25 miles of new transmission, and two new substations in order to increase reliability, load-serving capability and resource accommodation northeast of the City of Greeley, Colorado. Reliability will be enhanced by replacing existing aging 44 kV transmission with higher voltage transmission. The transmission will originate from the existing Western Area Power Administration (WAPA) Ault Substation and terminate at the existing Cloverly Substation. The

project will also add two new substations to facilitate the transfer of existing loads from the 44 kV system to the higher voltage system. The Northern Greeley Transmission is proposed to be built to allow for future double-circuit, 230kV operation, but will initially be operated as single-circuit 115 kV. This project received Colorado Public Utilities Commission (CPUC) approval in 2018 and has a planned in-service date that has been moved up from 2025 to 2024. The project was granted a waiver of significant transmission project status in 2016.

4. Central Weld County Reliability Loop (formerly Southern Greeley Area Transmission)
A Southern Greeley Area Transmission plan – now referred to as Central Weld County Reliability Loop (CWRL) – continues to be needed to improve the Greeley area system reliability, increase load-serving capability, and facilitate longer-term transmission plans. However, the CWRL transmission plan in northeastern Colorado is currently conceptual since studies to evaluate various transmission project alternatives within the open stakeholder planning process are not yet completed. It is expected that the CWRL plan will consist of local 115 kV and 230 kV transmission sourced from the existing Weld Substation, and would not adversely impact any existing WECC Path Ratings. Waivers of significant transmission project status were requested in 2016.

B. New Planned Projects:

None

II. Generation Projects:

Generation resources (200 MW or greater) with 2023–2024 In-Service Date (ISD) are noted below.

Table 1

Name	Interconnection	Owner	Net MW	Type	ISD
Thunderwolf	Mirasol 230 kV	NextEra	250	Hybrid Solar + Storage	2023
Neptune	Tundra 345 kV	NextEra	325	Hybrid Solar + Storage	2023
Bronco Plains II (Arriba)	Shortgrass 345 kV	NextEra	200	Wind	2023

Please feel free to contact me with any questions or concerns.

Sincerely,

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