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Subject: PSCo 2026 Annual Progress Report

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

## **I. Transmission Projects**

### **A. Previously Reported Projects:**

#### **1. 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 to 650 miles of new double circuit 345 kV lines (with optional radial extension into southeast Colorado), four new substations (Canal Crossing, Goose Creek, May Valley, Sandstone, and optional fifth substation Longhorn) and modification/expansion of five existing stations (Cheyenne Ridge, Fort Saint Vrain, Harvest Mile, Pawnee, 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. Segments 2 and 3, including Canal Crossing, Goose Creek and May Valley substation are now in-service, with construction progressing on segments 1 and 4. Overall completion is expected by May 2027. Additional information can be found at [www.coloradospowerpathway.com](http://www.coloradospowerpathway.com). The project was granted a waiver of significant transmission project status in 2022.

#### **2. 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 added two new substations to facilitate the transfer of existing loads from the 44 kV



system to the higher voltage system. The Northern Greeley Transmission was 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 was placed in-service in 2024.

**3. 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:**

<b>Project</b>	<b>In-Service Date</b>
<u>PI-2024-06 Generation Interconnection Substation</u> Construct new 345 kV switching station for new generation interconnection.	2028
<u>Circuit 5207: Hopkins to Rifle 230 kV</u> Rebuild existing 230 kV circuit	2029
<u>Circuit 5205: Parachute to Rifle 230 kV</u> Rebuild existing 230 kV circuit	2028
<u>Circuit 5509: Bluestone Valley to Parachute 230 kV</u> Rebuild existing 230 kV circuit	2029
<u>Circuit 5245: Hopkins to Hagerman Pass 230 kV</u> Rebuild existing 230 kV circuit	2030
<u>Circuit 5245: Hagerman Pass to Malta 230 kV</u> Rebuild existing 230 kV circuit	2030
<u>Circuit 5785: Cooley Mesa to Wolcott 230 kV</u> Rebuild existing 230 kV circuit	2031
<u>Circuit 5787: Cooley Mesa to Basalt 230 kV</u> Rebuild existing 230 kV circuit	2031
<u>Leetsdale – Elati 230 kV Circuit 5283 Underground Transmission Line Upgrade</u>	2027
<u>Daniels Park 345/230 kV Transformer #4</u> Add a fourth 345/230 kV transformer to the Daniels Park substation. For reliability and resource accommodation.	2029
<u>Daniels Park – Prairie – Greenwood Circuit 5111 and 5707 Upgrades</u>	2027

Project	In-Service Date
Reconductor existing 230 kV Circuits 5111 and 5707 to increase line rating. For reliability and resource accommodation.	
<u>Greenwood Substation Bus-Tie Uprate</u> Uprate the 230 kV bus-tie breaker in the Greenwood substation. For reliability and resource accommodation.	2028
<u>Greenwood – Monaco Series Reactor</u> Add a series reactor to 230 kV Circuit 5717 from Greenwood to Monaco, to be installed within the Greenwood substation. For reliability and resource accommodation.	2030
<u>Greenwood – Arapahoe Circuit 5709 Uprate</u> Uprate 230 kV Circuit 5709 from Greenwood to Arapahoe substation by reconductoring the existing circuit. For reliability and resource accommodation.	2027
<u>South Substation 230 kV Expansion</u> Add new 230 kV yard to the South substation, along with a new 230/115 kV transformer to connect to the existing 115 kV portion of the substation. For reliability and resource accommodation.	2030
<u>Daniels Park – Santa Fe Circuit 5107 Uprate</u> Uprate 230 kV circuit 5107 from Daniels Park to Santa Fe by reconductoring the existing circuit. For reliability and resource accommodation.	2030
<u>Smoky Hill Substation 345/230 kV Transformer #3</u> Add a third 345/230 kV transformer to the Smoky Hill substation. For reliability and resource accommodation.	2029
<u>Smoky Hill – Buckley Circuit 5167 Uprate</u> Uprate 230 kV Circuit 5167 from Smoky Hill to Buckley by reconductoring the existing circuit. For reliability and resource accommodation.	2030
<u>Smoky Hill – Buckley – Tollgate – Jewell – Leetsdale Circuit 5285 Uprate</u> Uprate 230 kV Circuit 5285 from Smoky Hill to Leetsdale by reconductoring the existing circuit. For reliability and resource accommodation.	2030
<u>Denver Terminal – Elati Circuit 5625 Uprate</u> Uprate 230 kV Circuit 5625 from Denver Terminal to Elati by reconductoring the existing circuit. For reliability and resource accommodation.	2030

## II. Generation Projects:



Generation resources (200 MW or greater) with 2026–2028 In-Service Date (ISD) are noted below.

Name	Net MW	Type	PSCo Delivery Point Bus	ISD
Fort Lupton CT	200	Gas	Fort Lupton 115 kV	2027
Ft. Saint Vrain CT 7 & 8	400	Gas	Fort St. Vrain 230 kV Substation	2027
Dryland Prairie	250	BESS	Goose Creek 345 kV Substation	2026
South Platte (Pawnee) Storage	250	BESS	Pawnee 345 kV Substation	2027
Comanche	200	BESS	Comanche 345 kV Substation	2026
Spindle	199	BESS	Spindle 230 kV Substation	2026
Towner Wind I	500	Wind	May Valley 345 kV Substation	2026
Cheyenne Ridge II	450	Wind	Goose Creek 345 kV Substation	2026
Singing Grass Wind	603	Wind	Goose Creek 345 kV Substation	2026
Colt Creek	400	Solar	May Valley-Tundra 345 kV	2028

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

Sincerely,

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