

PROJECT INFORMATIONProject Name: **Electric System Capacity Increases**Project #: **ELE014**Year First Shown in CIP: **2001**Funding Status: **Partially Funded**Is this a Budget Amendment? ☒Amendment Date: **05/15/2024****PROJECT DESCRIPTION:**

Increases to electric system capacity include main feeder projects, incorporation of distributed energy resources (DERs), and other capacity upgrades. The necessary capacity increases are driven by growth activity in a given area of the City that generates the need to expand existing infrastructure. Main feeder extensions are typically built in response to projected development. DERs may be deployed to strategically support both new demand and the increased demand of beneficial electrification. Capacity from one substation may serve customers near that location, but may also serve as part of a looped system that provides alternate service to customers in other sections of the distribution system.

PROJECT JUSTIFICATION:

Construction of new main feeders, distributed energy resources (DERs), and capacity upgrades are required to provide service for new development and demand increases across the system. The five year plan takes into consideration projects in the various stages of the City development review process as well as projects that will evolve to implement DERs while Longmont moves closer towards the 2030 Clean Energy goal. DER projects will seek to leverage the increased capacity gains to offset the need to develop more traditional capacity upgrades. The size, number, and timing of proposed projects can vary greatly over time and staff will update the CIP plan as is appropriate. Anticipated 2023 projects include Boston Ave from S. Sunset to St Vrain Creek, Rodgers Road east toward Hover and work along Hwy 119,

SUPPORTING ENVISION LONGMONT GUIDING PRINCIPLES AND FOCUS AREA ALIGNMENT:

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> GP1:Livable Centers,Corridors & Neighborhoods | <input type="checkbox"/> GP2:Complete, Balanced & Connected Transp Sys | <input type="checkbox"/> GP3:Housing,Services,Amenities & Oppt for All |
| <input type="checkbox"/> GP4:A Safe, Healthy, and Adaptable Community | <input type="checkbox"/> GP5:Responsible Stewardship of Our Resources | <input checked="" type="checkbox"/> GP6:Job Grwth & Economic Vitality-Innov & Col |
| <input checked="" type="checkbox"/> Sugar Mill / Highway 119 Gateway | <input type="checkbox"/> St. Vrain Creek Corridor | <input checked="" type="checkbox"/> Hover Street Corridor |
| <input type="checkbox"/> Midtown / North Main | <input checked="" type="checkbox"/> Area of Change | <input type="checkbox"/> Downtown / Central Business District (CBD) |

Other Related Plans/CIP Projects:

Related Equity Insight:

Support both Equitable Access and Community

PROJECT COSTS:

	2024/Yr1	2025/Yr2	2026/Yr3	2027/Yr4	2028/Yr5	Project TOTAL
	3,168,594	816,000	593,750	520,000	945,000	6,043,344

SOURCE OF FUNDS:

	2024	2025	2026	2027	2028	2024-2028 TOTAL
Funded						
Electric	1,500,000	0	0	0	0	1,500,000
Electric CIF	1,668,594	180,000	0	390,000	945,000	3,183,594
Unfunded	Year 1	Year 2	Year 3	Year 4	Year 5	Unfunded TOTAL
Electric CIF	0	636,000	593,750	130,000	0	1,359,750

LOCATION MAP:**VARIOUS LOCATIONS**