

PROJECT INFORMATION

Project Name: **Advanced Metering**
 Year First Shown in CIP: **2010**
 Is this a Budget Amendment?

Project #: **ELE099**
 Funding Status: **Partially Funded**
 Amendment Date: **08/25/2020**

PROJECT DESCRIPTION:

Advanced metering includes a combination of new electric meters with two-way communications, data collection nodes, computer hardware and software for data collection and analysis. Staff continues to monitor this technology and other utilities that are implementing it to understand costs, benefits, and related issues.

The estimated cost for an AMI system is \$16,000,000 and would take several years to fully deploy. The unfunded amounts in years 2020- 2024 are the estimated annual expenses for a 5-year deployment.

PROJECT JUSTIFICATION:

Advanced metering holds the promise of more customer control over their electric service usage, and more effective utilization of the existing utility infrastructure; as well as aiding the outage management system by pinpointing potential locations of system disturbances. Advanced metering also increases customer service and improves staff's safety and efficiency. At such time that new technology benefits appear to be worth the additional cost to customers, staff will test and evaluate new metering technology, software packages for monitoring data, or other related devices.

SUPPORTING ENVISION LONGMONT GUIDING PRINCIPLES AND FOCUS AREA ALIGNMENT:

- | | | |
|--|--|---|
| <input 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 checked="" type="checkbox"/> St. Vrain Creek Corridor | <input checked="" type="checkbox"/> Hover Street Corridor |
| <input checked="" type="checkbox"/> Midtown / North Main | <input checked="" type="checkbox"/> Area of Change | <input checked="" type="checkbox"/> Downtown / Central Business District (CBD) |

Other Related Plans:

Related CIP Projects: MUW-150 - Automatic Meter Reading

PROJECT COSTS:

	2020/Yr1	2021/Yr2	2022/Yr3	2023/Yr4	2024/Yr5	Project TOTAL
	5,000,000	4,500,000	4,500,000	4,500,000	0	18,500,000

SOURCE OF FUNDS:

Funded	2020	2021	2022	2023	2024	2020-2024 TOTAL
Electric	1,500,000	0	0	0	0	1,500,000
Electric CIF	1,000,000	0	0	0	0	1,000,000
Unfunded	Year 1	Year 2	Year 3	Year 4	Year 5	Unfunded TOTAL
Electric	2,500,000	4,500,000	4,500,000	4,500,000	0	16,000,000

LOCATION MAP:

VARIOUS LOCATIONS