BADGER METER ADVANCED METERING INFRASTRUCTURE UPGRADE

Cambria Community Services District

Year 1
Cost Overview

Endpoints	400 Residential Meter Bodies	65 Commercial Meter Bodies	One-Time Set-Up, Installation & Training	Software/ Customer Portal	Total
$814,100	$68,400	$150,670	$48,734*	$40,487	$986,455

*Includes staff's rough-estimate installation charges. Requests for proposal will follow Board approval.

10-Year Cost Overview

Year	400 Meter Bodies Per Year	Estimated Installation	Software/ Customer Portal	Total
1				$986,455
2	$71,820	$35,700	$42,525	$107,520
3	$75,411	$37,485	$44,651	$112,896
4	$79,182	$39,359	$46,884	$118,541
5	$83,141	$41,327	$49,228	$124,468
6	$87,298	$43,394	$51,689	$130,691
7	$91,663	$45,563	$54,274	$137,226
8	$96,246	$47,841	$56,988	$144,087
9	$101,058	$50,233	$59,837	$151,291
10	$106,111	$52,745	$62,829	$158,856

Notes: (1) All costs are adjusted by an estimated 5% cost increase each year.
(2) Costs include staff-estimated installation – request for proposals to follow Board approval.

Benefits

- BEACON Advanced Metering Analytics (AMA) provides utilities companies and their customers direct access to water consumption data, with easy-to-understand and easy-to-manage settings.

- BEACON AMA software puts interval meter data to work to increase efficiency in day-to-day utility operations and address demands for actionable intelligence.

- Alert conditions can be set to monitor and notify users of system exceptions, including continuous flow, for faster leak detection

More Benefits

- Allows for controlled replacement of bodies with installation beginning at failed locations.

- Meets regulatory requirements for bench-testing or replacement of 10% of meters each year.