



Smart Water Meters Project

August 12, 2016



Background



What are smart water meters?

- Meters with two-way remote communication.



Background



In 2015, Staff presented an estimate of costs and benefits of the smart meter project to initiate the project.



Even Better Operational Optimization

Costs

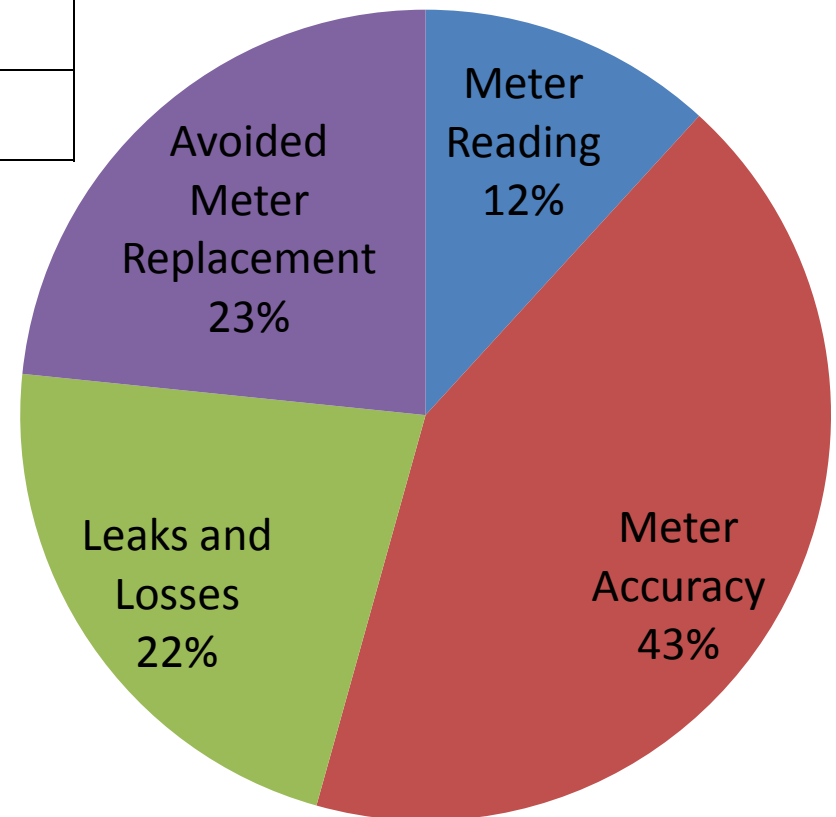


Water Meter Replacement Program		Additional funding for Advanced Metering Infrastructure Project	Total
2016	\$100,000		\$100,000
2017	\$1,900,000		\$1,900,000
2018	\$4,700,000	\$300,000	\$5,000,000
2019		\$3,000,000	\$3,000,000
Total	\$6,700,000	\$3,300,000	\$10,000,000

Benefits



Item	Benefits
Meter Accuracy	\$10,207,000
Meter Reading and Disconnects	\$2,826,000
Distribution System Leaks & Losses	\$5,343,000
Avoided Meter Replacement	\$5,607,000



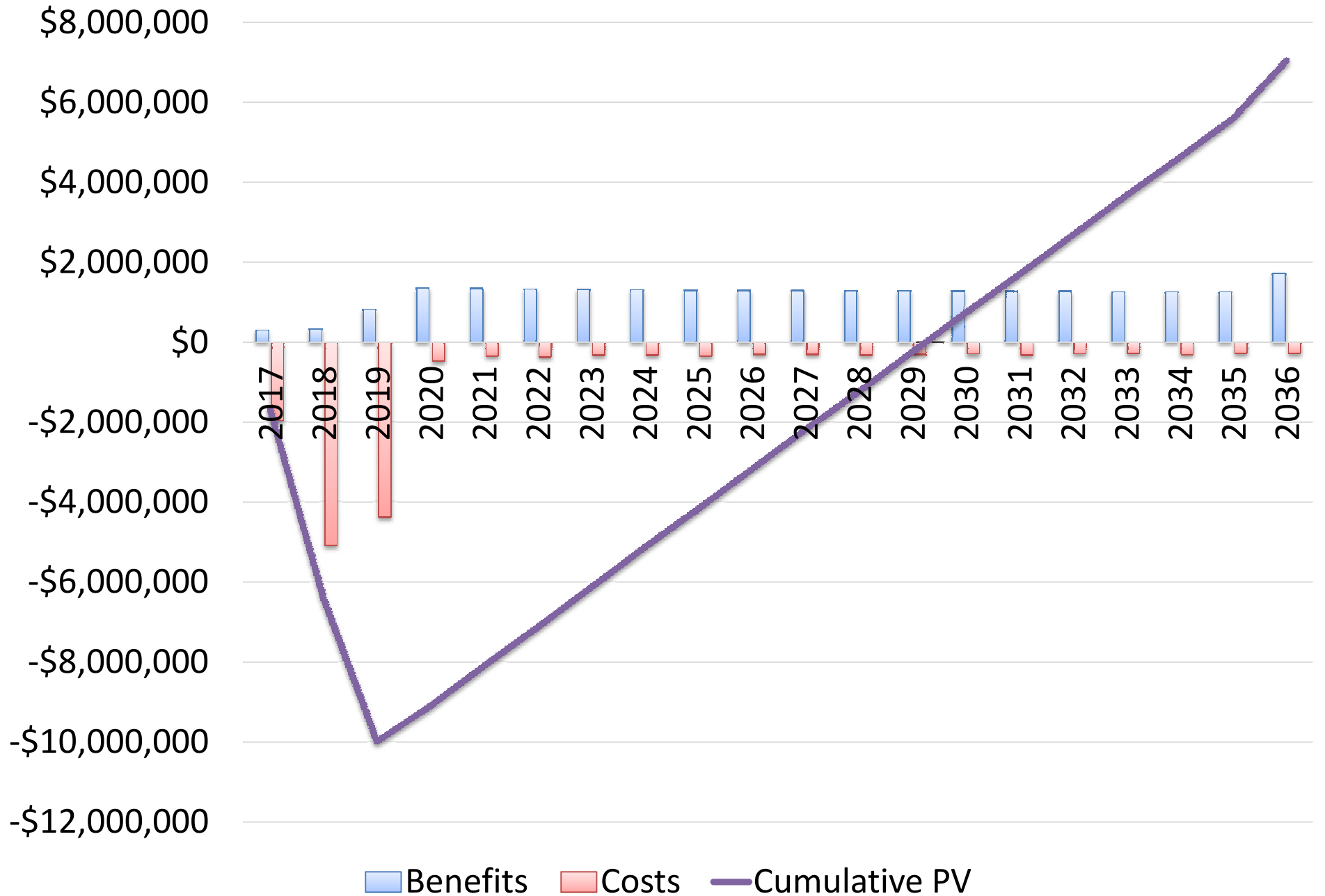
Partnership with Newmarket-Tay Hydro



Sharing vendors and experiences



Project Value – Net Present Value



Even Better Service Delivery

Calendar Monthly Billing and Social Benchmarking



Billing by calendar month

Compare with households like yours



Smart Consumption Information



Keep track of your water consumption, throughout the month.

Get household leak notifications



Project Timeline



Oct 2016 RFP Issued

Dec 2016: RFP Closing

Feb 2017: RFP Short List

April 2017: Final and best offers

July 2017: Contract signing

Sep 2017: Meter Installation Begins

2020: Meter Project Complete