



Long Beach Water

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Board of Water Commissioners

August 4, 2022

CHRISTOPHER J. GARNER, General Manager

Subject

Authorize the General Manager to enter into a membership with the California Data Collaborative as a member with AMI data in the amount of \$30,000.

Executive Summary

The current Advanced Metering Infrastructure (AMI) meter data management system implemented by the Long Beach Water Department (LBWD) has a data retention timeframe of three years. LBWD requires professional services to assist in the development and hosting of a database solution to retain AMI data indefinitely to make it possible to perform long-term analyses using AMI data.

The California Data Collaborative (CaDC) is a 501(c)(3) nonprofit organization founded by water agencies to facilitate data-driven policy and operational decisions. The CaDC has the staffing capability to assist with the development and hosting of an AMI database system to ingest data from the LBWD AMI meter data management system and store that data indefinitely.

A membership with the CaDC would provide access to this technical support. Beyond the immediate AMI database development effort, a membership in the CaDC would also include other benefits, such as representation on the CaDC Steering Committee, access to other CaDC analytics software platforms, the opportunity to participate in CaDC-supported research projects, and contribute to the overarching CaDC efforts to improve reporting, open data, and tools for the water community.

Recommendation

Authorize the General Manager to enter into a membership with the California Data Collaborative as a member with AMI data in the amount of \$30,000.

Fiscal Impact: The total FY 22 cost to the Water Fund will be \$30,000. These costs are unbudgeted in the Water Fund. However, it is expected that these costs can be absorbed within the Water Fund using projected savings within the Fund.

B. Anatole Falagan
Assistant General Manager

Christopher J. Garner
General Manager