



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: June 15, 2020

Re: Resolution to approve Interconnection and Net Metering Agreement for 100+ kW system with Shelter Mutual Insurance Company

Executive Summary

Staff has prepared for council consideration a resolution authorizing the City Manager to execute an Interconnection and Net Metering Agreement with Shelter Mutual Insurance Company for a 300 kW solar photovoltaic installation to be built at 1817 W Broadway.

Discussion

In order to accommodate their local growth, Shelter Mutual Insurance Company is expanding their headquarters at 1817 W Broadway and adding a new building to their campus. Construction on this project started in June 2018 and expected to be completed June 2020. This multifaceted building will include a data center, office space, and supply warehouse. As part of this expansion, a 300 kilowatt (kW) roof top solar system will be installed on the new structure. Shelter Mutual Insurance Company has worked with Water & Light throughout the design and construction of this facility to ensure all local requirements are met.

In accordance with the State of Missouri Net Metering and Easy Connection Act, Water & Light provides for interconnection of up to a 100 kW solar system located on a customer's premises through our standard Interconnection and Net Metering Agreement. The Net Metering and Easy Connection Act allows for solar interconnections up to 100 kW, but does not prohibit larger systems from interconnecting with the grid. In order to accommodate interconnection of systems larger than 100 kW, the City Council must authorize the agreement.

Water & Light has offered a solar photovoltaic rebate since 2007. This rebate is offered for up to the first 100 kW of solar installed on new and existing buildings. As a result of this 300 kW installation, Shelter Mutual Insurance Company will qualify for a solar rebate of \$31,000. This is the maximum rebate allowable through Water & Light's solar rebate program regardless of the system size. This rebate will be paid out at project completion, but not before the solar rebate program is active again.

Fiscal Impact

Short-Term Impact: \$31,000 from the solar rebate program budget

Long-Term Impact: No additional cost is anticipated.



Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Economy, Secondary Impact: Infrastructure, Tertiary Impact: Operational Excellence

Comprehensive Plan Impacts: Economic Development

Primary Impact: Environmental Management, Secondary Impact:, Tertiary Impact: Infrastructure

Legislative History

Date	Action
None	

Suggested Council Action

Approval of the Interconnection and Net Metering Agreement with Shelter Mutual Insurance Company.