

**Memorandum of Agreement
Between Engineering Division and Madison Water Utility
Olin PV Systems - Transfer of Ownership**

BACKGROUND. In 2009, the Engineering Division installed photovoltaic systems for four of its five closed landfill sites (Demetral, Greentree, Olin, and Sycamore). The Landfill's primary motivation in constructing these PV systems in 2009 was to reduce the landfill's carbon footprint and to lead by example by being an early adopter. Since then the City has installed 1 MW of PV systems.

The Olin Landfill PV system was installed on the roofs of the Streets Waste Transfer Station (10.6 kW), Water Utility Administrative Offices (9.84 kW), and Water Utility Vehicle Storage Building (9.84 kW) rather than pole mounted to reduce the total project cost. The Olin PV system installed cost was \$242,000.93 with the pro-rated cost of those installed on Water Utility buildings being \$157,284.60.

The Olin PV system was initially enrolled in Madison Gas and Electric's Buy Back program, which paid \$0.25 per kWh for electricity generated. MG&E's Buy Back program ended in September 2019 and the PV credit rate has since decreased to an average of \$0.07594 per kWh. Through March 31, 2021 the Landfill has recouped approximately \$58,258.23 in credits for electricity generated by the PV systems installed on the Water Utility buildings at Olin.


In 2020, the Water Utility replaced the roof on its vehicles storage building. This required the Engineering Division to remove and replace the existing PV system. The Water Utility is now planning to replace the roof at its administrative offices building.

While the Engineering Division understood it would recoup its initial investment, it does not make sense for the Landfill to invest additional funds in these systems. As such, the Landfill is transferring ownership of the PV systems on the Water Utility Administrative Office and Water Utility Vehicle Storage buildings to the Madison Water Utility.

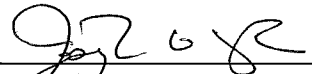
AGENCY RESPONSIBILITIES. The Madison Water Utility shall be solely responsible for any and all maintenance, repair, removal, reinstallation, and replacement associated with these systems and shall receive the PV credits resulting from electricity generated by these systems.

COMPLETE AGREEMENT. This Memorandum of Agreement is the entire agreement between the parties. It supersedes all prior or contemporaneous communications, representations or agreement, whether written or oral, with respect to the subject matter hereof.

CITY OF MADISON ENGINEERING DIVISION:

 _____ Robert F. Phillips, P.E. City Engineer	Date	<u>6/1/2021</u> _____
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CITY OF MADISON WATER UTILITY:

 _____ Joe Grande Interim General Managers	Date	<u>5-17-2021</u> _____
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