

# Madison Gas and Electric Company Electric - Volume 4

Revision: 1 Amendment: 380 Sheet E-14.7.0 Schedule EV-4

## Multifamily and Workplace Electric Vehicle Managed Charging Experimental Pilot Rider

#### **AVAILABILITY**

panel (the "Electrical Facilities").

Service under this voluntary rider is available to commercial customers (Customer) on Rate Schedules Cg-2, Cg-3, Cg-4, Cg-5, Cg-6, or Sp-3 who contract for a charging station(s) for a period of R seven (7) years and allow their employees/residents (User) to charge a plug-in electric vehicle (EV) at their R workplace/multifamily building. R Customers agree to allow MGE (Company) to manage vehicle charging and view User charging patterns. For example, the Company may reduce power to the EV charger during peak periods, shift EV charging to lower-cost periods, stagger EV charging start times to reduce rebound peaks, or initiate EV charging sessions when renewables are available. Users/Customers may opt out of individual managed charging R events if they need to charge their vehicle immediately. Managed charging benefits to the Company, Customers, and Users may include, but are not limited to: R Better understanding of how EVs will impact the distribution system and thereby help minimize electric infrastructure upgrades; Ability to reduce Company, Customer, and User system and peak-demand requirements; R Ability to shift energy consumption from peak to off-peak periods to reduce Company demand R requirements and avoid high-peak energy costs; and R A positive User experience. The Company will spend ninety (90) days evaluating driver charging behavior before we implement charging strategies. R Participation in this pilot program will be limited to a maximum of 25 multifamily and workplace chargers R annually. The Company is implementing this rider as an experimental pilot and reserves the right to discontinue this rider program at any time. **RATE** All the provisions of the applicable Cg-2, Cg-3, Cg-4, Cg-5, Cg-6, or Sp-3 rate schedules will apply with the R exception that Customers served on this rider will have an additional charge based on the EV charger (hereafter referred to as the "Charging Station") the Customer selects. Rates are based on whether the Customer chooses a cord management system. The rates will not change over time. Rates will continue until the Customer or Company terminates service. Rate options for Charging Station Configurations: R \$1.41/Day for Wall-Mounted Charging Station with Cord Management, R \$1.22/Day for Wall-Mounted Charging Station without Cord Management, R \$1.58/Day for Pedestal Charging Station with Cord Management, or \$1.35/Day for Pedestal Charging Station without Cord Management. CONDITIONS OF DELIVERY R 1. The Customer shall, at the Customer's sole cost and expense, (a) install the Charging Station and (b) install, own, operate, and maintain the cables, conduits, raceways, circuit breakers, and related equipment needed to provide adequate power to the Charging Station from the Customer's electrical

### Madison Gas and Electric Company Revision: 1 Electric - Volume 4

Amendment: 380

Sheet E-14.7.1 Schedule EV-4

## Multifamily and Workplace Electric Vehicle Managed Charging **Experimental Pilot Rider**

### **CONDITIONS OF DELIVERY (continued)**

- 2. The Company has the right to inspect and verify the Electrical Facilities that supply power to the Charging Station. The Company has the right to use the Customer's Electrical Facilities to power the Charging Station. The Company has the right to reasonable access over the property where the Charging Station is installed to access the Charging Station and perform any of the Company's obligations under this Rider.
- 3. The Company has general responsibility for maintaining and servicing the Charging Station. However, any damage beyond normal wear and tear including, but not limited to, misuse or vandalism shall be at the Customer's expense.
- 4. The Customer shall promptly report any damage to the Charging Station or functional issues with the Charging Station to the Company. The Customer shall not permit any activities on the property where the Charging Station is installed that have the potential to damage or adversely impact the Charging Station.
- 5. The Company will not be liable for any damages arising out of use of the Charging Station. The Customer shall indemnify, defend, and hold harmless the Company and its employees, officers, directors, agents, insurers, and contractors (collectively, "Indemnified Parties") from and against any and all claims, demands, actions, suits, damages, liabilities, losses, settlements, judgments, costs, and expenses (including reasonable attorneys' fees and costs), whether or not involving a third-party claim, arising from or in any way related to the Charging Station, whether or not caused by the sole negligence of any Indemnified Party. This indemnification shall survive (a) termination or expiration of this Rider and (b) transfer of ownership of the property on which the Charging Station is installed.
- 6. Participation in the program is for a seven- (7) year term ("Initial Term"). Upon completion of the Initial Term, service under this Rider will continue until thirty (30) days after written notice of termination provided by either party to the other party.
- 7. The Company may terminate service under this Rider during the Initial Term, at the Company's discretion, upon thirty (30) days' written notice to the Customer. The Customer may terminate service under this Rider during the Initial Term, upon thirty (30) days' written notice to the Company, by purchasing the Charging Station subject to the following schedule:

EV Charging Station and Cord	V Charging Station and Cord Buyout Amount Based on Months Enrolled in Pilot						
Management (CM) Configuration	1-12	13-24	25-36	37-48	49-60	61-72	73-84
Wall-Mounted EV Charging w/ CM	\$1,680	\$1,420	\$1,250	\$1,050	\$840	\$620	\$380
Wall-Mounted EV Charger w/o CM	\$1,310	\$1,100	\$ 970	\$ 830	\$680	\$520	\$350
Pedestal EV Charger w/ CM	\$1,960	\$1,670	\$1,460	\$1,220	\$960	\$690	\$410
Pedestal EV Charger w/o CM	\$1,590	\$1,340	\$1,180	\$1,000	\$800	\$590	\$370

8. Upon termination of service under this Rider by the Customer or after the end of the Initial Term, the Company may choose to transfer ownership of the Charging Station to the Customer or to remove the Charging Station.

R



# Madison Gas and Electric Company Electric - Volume 4

Revision: 1 Amendment: 380 Sheet E-14.7.2 Schedule EV-4

## Multifamily and Workplace Electric Vehicle Managed Charging Experimental Pilot Rider

#### **CONDITIONS OF DELIVERY (continued)**

- The availability of service may be limited at the discretion of the Company. For example, service may be refused if a Customer's charging activities are not good candidates for this research or based on bill payment and collection history.
  - R
- 10. Due to the fact this service is optional and increases utility bills, the Company may limit Customer participation in the program based on bill payment and collection history.

R

11. Customers' vehicle charging sessions will be subject to management by the Company.

R

12. Service under this rate will be furnished only in accordance with the Electric Service Rules and Regulations of the Company.

#### **USER BILLING**

The Company recognizes the Customer may not be willing to provide its User(s) access to an EV Charging Station with no ability to share energy costs with its User(s). The Company also recognizes the Customer is restricted from selling energy to a User for EV charging or any other purpose. To overcome these barriers, the Company is offering the Customer a voluntary payment solution whereby a Customer may request reimbursement from the User for EV charging energy costs.

Should the Customer instruct the Company to recover the cost of EV charging energy from the User, the Company will use a customer interface platform (Platform) to provide billing/reimbursement services. The User's EV Charging sessions will be measured by the Charging Station's sub-meter to measure User energy consumption. The Platform will charge the User and reimburse the Customer at the Cg-4 base energy commercial rate (\$0.06043 per kWh in 2022). The Platform will calculate User amounts due and Customer reimbursements. The Platform will bill the User's banking account for energy usage and deposit this amount to the Customer's banking account. Billing adjustments will not be made to either the Customer or User in the event of sub-meter errors in tracking EV charging usage.