



## CITY OF COLUMBIA, MISSOURI

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WATER AND LIGHT DEPARTMENT  
COLUMBIA TERMINAL RAILROAD

# MEMORANDUM

**TO:** Water and Light Advisory Board

**FROM:** Tad Johnsen, Water and Light Director 

**DATE:** May 23, 2013

**SUBJECT:** Data transfer and communication equipment structure rate

In response to a customer request, Water & Light staff developed a data transfer and communication equipment structure rate. The purpose of this new service rate is to allow communications providers to install small communication equipment, distributed throughout the community without the infrastructure needed to meter electric use. This new rate is designed for distributed communication equipment that will have small and predictable electric use at a high load factor. With these usage characteristics and the need to minimize the visual impacts, staffs feels incurring the cost to install and read meters is not warranted. Monthly charges are to be modeled off the small general service rate. Staff is requesting that the Water & Light Advisory board recommend to City Council approval of this new service rate.

**TAJ/cs**

Section \_\_\_\_\_. Data transfer and communication equipment structure rate.

- (a) Availability. Upon application and by approval of the Director, the data transfer and communication equipment structure rate is available for limited electrical service to data transfer and communication equipment. To qualify for this rate, the customer shall have at least one metered data transfer and communication equipment shelter of similar size containing similar data transfer and communications equipment and the customer shall agree to allow the Director or his designee access to the equipment, shelter, and records related to the equipment and shelter for purposes of audits and inspections. The Director shall only approve the application of this rate to a customer's data transfer and communication equipment structure when the Director, in his sole discretion, determines:
1. The electrical service is to be used by data transfer and communication equipment housed within an exterior structure that is no greater than twenty-four (24) cubic feet in size.
  2. Based upon metered data of a similarly sized structure with the similar data transfer and communications equipment, the estimated daily electrical usage for each piece of equipment contained within the exterior structure is less than three (3) kWh.
  3. That it is a benefit to the utility not to install a meter for the service; and
  4. That the service shall not include lighting of the exterior structure or premises.
- (b) Type of Service. The type of service shall be single-or three-phase, sixty-hertz, at one of the department's standard service voltages.
- (c) Calculation of Estimated Usage. For each exterior structure containing data transfer and communications equipment, Director or his designee shall estimate usage based upon metered usage of similar equipment.
- (d) Monthly rate charge. The monthly rate per kilowatt hour shall be as follows, subject to fuel adjustment as provided in section 27-118:
- Customer charge \$10.85 per month  
Cost per kWh 9.44 cents per kWh
- (e) Minimum monthly bill. The minimum bill for single- or three-phase service shall be ten dollars and eighty-five cents (\$10.85) per month.
- (f) Payment in lieu of taxes and sales tax. In addition to the charge based on monthly rates as computed above, the total monthly charge for service shall include applicable sales taxes and the current in lieu of gross receipts tax payment. Sales taxes shall be applied to the total of the monthly rate charge and the in lieu of gross receipts tax payment.