**January 26, 2023**
**Item No. 7.4.**
**Ordinance Amendment for Electric Rate Schedule, Transmission Delivery Adjustment and EV Fast Charger**

**Sponsor:** Timothy Crabb, Director of Electric

**Reviewed By CBC:** N/A

**Agenda Caption:**Presentation, discussion, and possible action regarding an ordinance amending Chapter 40, "Utilities," Article III “Electric System,” Division 2 “Rate Schedules,” of the Code of Ordinances of the City of College Station, Texas, by amending Section 40-322 “Electric Rate Schedule TDA (transmission delivery adjustment)” and creating a new Section 40-326 “Electric Rate Schedule EV (electric vehicle fast charger);” providing a severability clause and an effective date.

**Relationship to Strategic Goals:**
Core Services and Infrastructure
Financial Sustainability

**Recommendation(s):** Staff recommends approval of this ordinance amendment.

**Summary:** The TDA is an instrument to recover costs associated with the Electric Reliability Council of Texas (ERCOT) transmission system which is utilized in the transmission of electricity to the College Station area.

Electric Vehicle Fast Charging stations (Level 3) are a high demand, low kwh usage facility. Currently, College Station Utilities (CSU) does not have a rate that accurately reflects the needed infrastructure required to serve fast charging station loads.

This ordinance amendment clarifies the formula definitions used for calculating the TDA and establishes an EV Fast Charger rate.

**Budget & Financial Summary:** N/A

**Attachments:**
1. Ch. 40-322 TDA & 40-326 EVFC Ord

**ORDINANCE NO. _____**

**AN ORDINANCE AMENDING CHAPTER 40 "UTILITIES," ARTICLE III "ELECTRIC SYSTEM," DIVISION 2 "RATE SCHEDULES," OF THE CODE OF ORDINANCES OF THE CITY OF COLLEGE STATION, TEXAS, BY AMENDING SECTION 40-322 "ELECTRIC RATE SCHEDULE TDA (TRANSMISSION DELIVERY ADJUSTMENT), AND BY CREATING A NEW SECTION 40-326 "ELECTRIC RATE SCHEDULE EV (ELECTRIC VEHICLE FAST CHARGER);" PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING AN EFFECTIVE DATE.**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEGE STATION, TEXAS:**

**PART 1:** That Chapter 40 "Utilities," Article III "Electric System," Division 2 "Rate Schedules," of the Code of Ordinances of the City of College Station, Texas, be amended by amending Section 40-322 "Electric Rate Schedule TDA (Transmission Delivery Adjustment)," as set out in **Exhibit "A**", attached hereto and made a part of this ordinance for all purposes.

**PART 2:** That Chapter 40 "Utilities," Article III "Electric System," Division 2 "Rate Schedules," of the Code of Ordinances of the City of College Station, Texas, be amended by creating a new Section 40-326 "Electric Rate Schedule EV (electric vehicle fast charger)," as set out in **Exhibit "B"**, attached hereto and made a part of this ordinance for all purposes.

**PART 3:** That if any provision of any section of this ordinance shall be held to be void or unconstitutional, such holding shall in no way effect the validity of the remaining provisions or sections of this ordinance, which shall remain in full force and effect.

**PART 4:** This Ordinance becomes effective immediately upon passage by the City Council.

**PASSED, ADOPTED AND APPROVED this _____ day of _____ , 20___.**

**APPROVED:**

_____
Mayor

**ATTEST:**

_____
City Secretary

**APPROVED:**

_____
City Attorney

**EXHIBIT "A"**

That Chapter 40 "Utilities," Article III "Electric System," Division 2 "Rate Schedules," Section 40-322 "Electric Rate Schedule TDA (Transmission Delivery Adjustment)" of the Code of Ordinances of the City of College Station, Texas, is hereby amended to read as follows:

**Sec. 40-322. - Electric Rate Schedule TDA (transmission delivery adjustment).**

(a) There is hereby established Electric Rate Schedule TDA, which shall be electric service billed under all applicable rate schedules and shall be subject to the application of a transmission delivery adjustment (TDA) charge determined by multiplying the billing kilowatt hour (kwh) for the current month times a Transmission Delivery Adjustment Factor (TDAF). The TDAF shall be calculated on an annualized basis in accordance with the following formula:

$$TDAF = \frac{TC}{S * CF}$$

(b) Definitions. The following words, terms and phrases, when used in this section, shall have the meanings ascribed to them in this subsection, except where the context clearly indicates a different meaning:

(1) TDAF means transmission delivery adjustment factor, rounded to the nearest $0.0001 per kWh.

(2) TC means total estimated transmission delivery cost including congestion fees, Transmission Cost of Service (TCOS) Matrix estimated access payment fees, and any other costs associated with delivery of wholesale power to the City on an annualized basis.

(3) S means total estimated kWh energy sales to City customers on an annualized basis, minus the kWh's allotted to streetlight service and security lights.

(4) CF means correction factor adjustment to be applied to correct for any variances that would affect the calculation to account for collecting the entire amount allocated to transmission delivery cost. This calculation will be made on an annual basis to coincide with the Public Utility Commission of Texas (PUCT) adjustment to the TCOS Matrix.

**EXHIBIT "B"**

That Chapter 40 "Utilities," Article III "Electric System," Division 2 "Rate Schedules," is amended by creating a new Section 40-326 "Electric Rate Schedule EV (electric vehicle fast charger)," of the Code of Ordinances of the City of College Station, Texas, and it hereby shall read as follows:

**Sec. 40-326. - Electric Rate Schedule EV (electric vehicle fast charger).**

(a) *Established.* There is hereby established Electric Rate Schedule EV, which shall be applicable to all Electric Vehicle Level 3 fast charging stations where service is taken through one meter at one point of delivery and where the design kilowatt demand is equal to or greater than 500 kW and less than 2,000 kW. Service will be furnished under this rate schedule subject to the established rules and regulations of the City covering this type of service. Before service is furnished hereunder, an individual service agreement contract between the customer and the City may be required outlining all details of the service to be supplied, the terms of the contract, and the obligations of each party.

(b) *Character of service.* A.C., 60 cycles per second, three phase 120/208 or 277/480 volts as available at point of service. Three-phase customers served via underground primary to pad mounted transformers will be furnished only 120/208 (up to 1,000 kVA of load) or 277/480 volt service.

(c) *Rate.*

(1) Service charge: Established in Section 2-117; plus

(2) Demand charge: Established in Section 2-117; plus

(3) Energy charge: Established in Section 2-117.

(d) *Minimum monthly charge.* The minimum monthly charge under this rate schedule shall be the highest one of the following charges:

(1) The amount established in Section 2-117, plus applicable transmission delivery adjustment on the kilowatt-hours used.

(2) The sum of service, demand and energy charges under the above rate, plus applicable transmission delivery adjustment on the kilowatt-hours used.

(3) The minimum monthly charge specified in the customer's service contract with the City, plus applicable transmission delivery adjustment on the kilowatt-hours used.

(e) *Billing demand.*

(1) Billed for 100% of designed demand in the first month after service is initiated

(2) Thereafter, billed monthly on the greater of the following:

a. Actual measured maximum demand for the month

b. 80% of peak actual measured demand over the preceding 12 months (on a rolling basis)

c. 50% of design demand

(f) *Power factor.* Should the power factor be lower than 0.90 lagging, the City may adjust the measured demand by multiplying by the ratio of 0.90 of the actual power factor.

(g) *Transmission delivery adjustment.* The monthly charges under this rate schedule shall be increased or decreased as necessary to reflect the application of a transmission delivery adjustment calculated in accordance with Schedule TDA; provided, however, that the adjustment shall never be less than zero.

(h) *Electric rider. Wind Watts Wind Energy Rider.*

(1) *Availability.* This optional service shall be available to all commercial customers who select wind generated energy as a source of electricity under the City's Wind Watts Program, in lieu of electricity provided from traditional generation. Wind Watt's energy is available to customers on a first-come, first-served basis subject to available supply.