



**BROWNSVILLE
PUBLIC UTILITIES BOARD**

**FCC Pole Attachment Rate Calculation
2024**

This document outlines the formula and inputs used to derive the FCC Pole Attachment Rate and is based on data from financial reports for Fiscal Year 2023-2024.

This calculation is completed to verify BPUB is in compliance with §54.204 of the Texas Utilities Code by not exceeding the fee a municipality or municipally owned utility would be permitted to charge under rules adopted by the Federal Communications Commission under 47 U.S.C. Section 224(e) if the municipality's or municipally owned utility's rates were regulated under federal law and the rules of the Federal Communications Commission.

$$\text{Attachment Rate} = (\text{Space Factor}) \times (\text{Cost})$$

$$\text{Space Factor} = \frac{(\text{Space Occupied}) + \left[\left(\frac{2}{3}\right) \times \text{Unusable Space}\right]}{(\text{Average Pole Height}) \times (\text{Number of Attaching Entities})}$$

$$\text{Cost} = (0.66) \times (\text{Net Cost of a Bare Pole}) \times (\text{Carrying Charge Rate})$$

Totaling: \$16.73 per 1.0 Foot of Attachment

Space Occupied =	1	Average Pole Height =	41.90
Unusable Space =	24.19	Net Cost of Bare Pole =	\$343.42
Number of Attaching Entities =	3	Carrying Charge Rate =	48.51%

FCC Formula

$$\left[\frac{\text{Telecom Rate per Pole Attachment}}{\text{Pole Attachment}} \right] = \left[\frac{\left(\frac{\text{Space Occupied}}{\text{Pole Height}} \right) + \frac{2}{3} \times \left(\frac{\text{Unusable Space}}{\text{No. of Attaching Entities}} \right)}{\text{Pole Height}} \right] \times \frac{\text{Net Pole Investment}}{\text{No. of Poles}} \times \left[\frac{\text{Carrying Charge Rate}}{\text{Rate}} \right]$$

FCC Rate per Pole Attachment w/ 0.66 Urbanized Factor, T&D Poles

$$$$$ = (\underline{15.22\%}) \times (\underline{0.66}) \times (\underline{343.42}) \times (\underline{48.51\%}) = \$ \underline{16.73}$$

Not-to-exceed FCC Rate per Pole Attachment = \$ 16.73
2024 BPUB Telecom Rate per Pole Attachment = \$ 13.20

Revised Date 10/03/2025