



MEMORANDUM

EUGENE WATER & ELECTRIC BOARD

Rely on us.

TO: Commissioners Schlossberg, Brown, Carlson, Barofsky and McRae
FROM: Rod Price, Chief Engineering & Operations Officer; Jaime Breckenridge, Utility Joint Use Specialist
DATE: January 13, 2021
SUBJECT: Adding Communication Tower and Transmission Structure Attachment Fees to Joint Use Wireless Fee Schedule
OBJECTIVE: Board Action: Resolution No. 2103

Issue

EWEB has communication towers and transmission structures that are built with the capacity of additional entities installing wireless facilities on them. While we have published fees for wireless installations on EWEB's electric distribution poles (Board Resolution 1906), it does not include fees for joint use installations on communication towers and transmission structures. The Customer Service Policy needs to be updated to include the attachment fees for transmission structures and communication towers.

Background

Similar to wireless attachments on distribution facilities, any non-EWEB attachments on communication towers or transmission structures require an executed Master Lease Agreement and Site Lease Agreement. All fees and charges associated to installing on communication towers or transmission structures, including proposed additions, are outlined in the Wireless Fee Schedule. Fees and Charges are shown in Attachment 1. Use of such structures vary based on ownership and equipment. EWEB has reviewed other public electric utilities as well as Oregon Department of Transportation (ODOT) and has elected to follow ODOT's methodology. This methodology breaks down the individual attachment which make it easy and consistent when working with joint users and internal staff. The proposed fees are based on seventy-five percent of today's private sector rates for associated equipment installation on towers. EWEB reserves the right to update these rates annually for inflation.

Discussion

All Joint Use charges and fees are reviewed annually and potentially revised to adjust for inflation or changes in market conditions. For those fees and charges that are revised, a new consent and resolution will be submitted to the Board. Pursuant to Board action. The proposed communication tower and transmission structure attachment fees will be added to the Customer Service Policy, Joint Use Fees and Charges, Wireless Fee Schedule.

Recommendation

Management recommends the Board approve Resolution No. 2103 to update Joint Use Fees and Charges found in the following attachment: Customer Service Policy, Appendix B, Section W; Joint Use Fees and Charges.

Requested Board Action

Approve Resolution No. 2103 to update Joint Use Fees and Charges in the Customer Service Policy.

Please contact Jaime Breckenridge at 541-685-7388 or e-mail at jaime.breckenridge@eweb.org with questions.

Attachments:

- 1) Revised Customer Service Policy, Appendix B, Section W; Joint Use Fees and Charges



- c. Energy delivered to the EWEB system will be credited to Owner’s generation account monthly according to the Rate Schedule above. Payments for renewable electric generation credits will be issued once per year in December in the form of a check.

W. Joint Use Fees and Charges

(Resolution No. 2017)

The following are fees and charges for joint use wireline, equipment related to wireline, antennae and equipment related to antenna attachments. This information is excerpted from the Pole Attachment Agreement.

For wireline and related equipment the following are applicable:

- 1. Terms and Conditions (#13 and #14 from Appendix A of the Pole Attachment Agreement)
 - 13. As compensation for the use of space on Permitter’s Poles on each Structure, Permittee shall pay to Permitter, at the beginning of each Contract Year of the Agreement, the following amounts for Permittee’s attachments to Permitter’s Poles:

Rate per Cable attachment x number of Cable attachments
 Rate per Equipment attachment x number of Equipment attachments

- 14. The rates for attachments will be recomputed annually using the formula that follows:

14.1. Cable Attached to Permitter’s Poles:

$$\text{Pole Rate} = \frac{\text{Space Occupied by Cable} \times \text{Net Investment in Poles} \times \text{Carrying Charge}}{\text{Total Usable Space} \times \text{Number of Poles}}$$

14.2. Equipment Attached to Permitter’s Poles:

Equipment Rate = 2 x Pole Rate

June 1, 2020 – May 31, 2021 Pole Rate:

Noncompliance Rate	\$16.76
Compliance Rate	\$15.08

- 2. Fee Schedule for Non-Recurring Charges (from Appendix C of the Pole Attachment Agreement)



- a. Application Processing Fee
(Electronically or Written)

\$25.00 first pole; + \$2.00 per pole thereafter

- b. Inspections

In instances where Permittor has sufficient electronic Pole Attachment data existing in its system of record, Permittor may elect to perform a desktop Inspection, which is defined as an Inspection performed using only existing electronic data, maps and pictures. There are no Inspection fees associated with a desktop Inspection.

In instances where Permittor does not have sufficient electronic data to perform a desktop Inspection or the desktop Inspection results in findings that require a field visit, the following Inspection fees apply:

- i. Pre-Construction Inspection Fees – these fees are based upon Applications by various entities that wish to attach a cable, or other device, to Permittor’s Facilities and also occurs prior to when a Permittee wishes to place new cables and/or additional equipment. All Pre-Construction and Post-Construction Inspections are broken into three levels of time usage and complexity.

Level 1 (Visual Inspection)

\$40.00 first pole; \$5.00 each pole thereafter

Level 1 Inspections are defined as a “drive by” that does not require the inspector to exit the vehicle and are intended to identify that clearances and strength of the structure are visibly verifiable. These Inspections are typically performed when the Permittee has provided all required information given the type of request on the Application form.

Level 2 (Measured Inspection)

\$50.00 first pole; \$10.00 each pole thereafter

Level 2 Inspections are most commonly performed when the poles do not appear to have proper clearance to accommodate the newly proposed Attachment or when the Permittee has failed to provide all



required information given the type of request on the Application form. Under these conditions the Permittor deems it prudent to obtain measurements and other data at the Structure or along the line.

Level 3 (Pole Analysis Inspection)

\$175.00 first pole; \$30.00 each pole thereafter

Level 3 Inspections are most commonly performed when the poles do not appear to have proper strength to accommodate the newly proposed Attachment or when the Permittee has failed to provide all required information given the type of request on the Application form.

Permittor will not charge Pre-Construction Inspection Fees for an Application to remove Attachments.

- ii. Post-Construction Inspection Fees – these Inspections are completed after a Pre-Construction Inspection has been approved, and the installation by the original requesting company has been completed.

Level 4 (Visual Inspection)

\$40.00 first pole; \$5.00 each pole thereafter

Level 4 Inspections are defined as a “drive by” that does not require the inspector to exit the vehicle and are intended to identify that the Permittee has complied with the engineering data provided in the Application form. This level of Inspection will be used for all removals of Attachments, unless the removal has resulted in damage to the pole in which case additional fees to assess the damage may apply.

Level 5 (Measured Inspection)

\$50.00 first pole; \$10.00 each pole thereafter

Level 5 Inspections are most commonly performed when it appears that the Permittee has failed to perform construction in accordance with the specifications on their Application form, has created a NESC violation or has attached to the pole prior to receiving approval from Permittor.

Level 6 (Pole Analysis Inspection)



\$175.00 first pole; \$30.00 each pole thereafter

Level 6 Inspections are most commonly performed when it appears that the Permittee has attached to a pole prior to receiving approval from Permitter and appears to have compromised the integrity of the existing structure.

- c. Unauthorized Attachment Fee - 5 x annual rental fee*

*Over 60 days without permit application - Additional \$100.00 + 5 x annual rental fee (recurring every 60 days)

- d. Anchor Attachment Fee - \$145.00

- e. Failure to Timely Transfer, Abandon or Remove Facilities Fee

First 30 days - 1/5 Annual Attachment Fee per day, per pole

Second 30 days and thereafter - Annual Attachment Fee per day, per pole

- f. Topping Pole – Refer to Schedule I

- g. Transfers – Refer to Schedule I

3. Schedule I – Unit Cost of Transferring Facilities and Average Costs of Various Pole Operations

Crossarms, all types	\$185.00
Anchor Strand or Overhead Guy	\$185.00
Sidewalk Anchor Guy and Pipe	\$366.00
*Drop wire (No Splicing)	\$59.00
*Service Conduit	\$122.00
*Messenger and Cable Bolted to Pole or Cable Arm (No Splicing)	\$229.00
*Messenger Deadends	\$171.00
*Cable Riser (Including Pipe and Moulding – No Splicing)	\$459.00



*Cable Terminations (No Splicing)	\$244.00
Lowering Pole to Ground	\$392.00
Hauling Pole to Yard	\$474.00
Topping Pole	\$143.00

*Cost for temporary transfers shall be billed at 50% of the above rate.

NOTE: Costs for transferring Facilities not covered by this Schedule will be negotiated in each instance.

For antennae and related equipment the following are applicable:

A. Wireless Fee Schedule
06/27/2018*

Macro Application Fee - \$2,000.00.

This fee covers the pre-site review, review of all required documents (antenna specs & build, pole load analysis, RF analysis, etc.), pre-construction meeting, post construction inspection, and project management associated to the site(s). It does not include the cost of design and the make-ready work. That is in addition to the application fee.

Small Cell or DAS (Distributed Antenna System) Application Fee - \$1,000.00.

This fee covers the pre-site review, review of all required documents (antenna specs & build, pole load analysis, RF analysis, etc.), pre-construction meeting, post construction inspection, and project management associated to the site(s). It does not include the cost of design and the make-ready work. That is in addition to the application fee.

Small Cell or DAS Pole Lease Fee -

Pole Top - \$1,800.00 per year.

This is for the antenna and a small amount of equipment (per standard) to be mounted on pole.

Mid-Pole – rate is determined by the pole attachment rental rate (OAR 860-028-0110[2]) multiplied by the Lessee’s authorized attachment space. These costs are re-calculated annually. See SLA (Site Lease Agreement) for billing schedules.



Monthly electric consumption for small cell sites will be a flat rate. Monthly rate is \$65.96 per month.

Macro Cell Pole Lease Fee -

Secondary or Guy Stub Pole - \$650.00 per month. This is for the antenna, radio heads (if able to conform to COE requirements) and conduit on the pole. All ancillary equipment to be groundmount.

Primary or Feeder Pole - \$1,150.00 per month. This is for the antenna, radio heads (if able to conform to COE requirements) and conduit on the pole. All ancillary equipment to be groundmount.

All macro cell sites on Secondary/Guy Stub and Primary/Feeder poles will have a metered service.

Communication Tower and Transmission Structure – fees are based on equipment installed on tower or structure and space occupied in EWEB owned building. Where no building exists, and ground space is required for equipment, a separate Land Lease Agreement will be required if on EWEB property. Annual individual fees are as follows:

Building Space

<u>Full rack (6'x20"x19")</u>	<u>\$ 3,256.00</u>
<u>Floor space/sq. ft</u>	<u>\$ 93.00</u>
<u>Annual power fee</u>	<u>\$ 226.00</u>
<u>Annual emergency power fee per rack</u>	<u>\$ 170.00</u>

Antennas

Non-Dish

<u>50'-89'</u>	<u>\$ 372.00</u>
<u>90'-129'</u>	<u>\$ 464.00</u>
<u>130'+</u>	<u>\$ 558.00</u>

2' Dish

<u>50'-89'</u>	<u>\$ 496.00</u>
<u>90'-129'</u>	<u>\$ 542.00</u>
<u>130'+</u>	<u>\$ 587.00</u>

4' Dish

<u>50'-89'</u>	<u>\$ 1,023.00</u>
<u>90'-129'</u>	<u>\$ 1,139.00</u>
<u>130'+</u>	<u>\$ 1,233.00</u>

6' Dish

<u>50'-89'</u>	<u>\$ 1,582.00</u>
----------------	--------------------



<u>90'-129'</u>	<u>\$ 1,744.00</u>
<u>130'+</u>	<u>\$ 1,862.00</u>
<u>8' Dish</u>	
<u>50'-89'</u>	<u>\$ 2,047.00</u>
<u>90'-129'</u>	<u>\$ 2,255.00</u>
<u>130'+</u>	<u>\$ 2,489.00</u>
<u>10' Dish</u>	
<u>50'-89'</u>	<u>\$ 2,605.00</u>
<u>90'-129'</u>	<u>\$ 2,885.00</u>
<u>130'+</u>	<u>\$ 3,116.00</u>

*Fees subject to change and may be reviewed annually.

X. Downtown Network Service Connection Charge

(Resolution No. 2004)

1. Purpose

The downtown secondary network offers increased redundancy and high reliability to customers. The configuration of the network requires new services to use specialized equipment and installation standards. A downtown network service connection charge has been established to distribute the costs of service connection to the secondary network in a consistent and transparent manner.

2. Applicability

The connection charge will be administered for all customers adding load within the downtown network boundary and that are connected to the network grid.

- a. New Development/Service: The connection charge will be calculated based on the estimated demand (kW) on the secondary network.
- b. Existing Services: The connection charge will be determined based on the difference between the new estimated demand and the highest monthly demand (kW) that occurred within the past five years.
 - i. If a single service is replacing multiple services, the sum of the highest demand (kW) will be used.

**RESOLUTION NO. 2103
FEBRUARY 2021**

**EUGENE WATER & ELECTRIC BOARD
JOINT USE WIRELESS FEE SCHEDULE – ADDITION OF COMMUNICATION
AND TRANSMISSION STRUCTURE FEES**

WHEREAS, the Eugene Water & Electric Board (EWEB) constructed communication towers that have space for additional entities, is obligated, as much as practical, to allow any entity requiring pole attachments to serve customers, use of utility poles based on Oregon Administrative Rules (860-028-0050) and City ordinances; and

WHEREAS, EWEB has Pole Attachment Agreements, Master Lease Agreements and Site Lease Agreements executed with attaching entities that ensure attachments comply with EWEB operational need and standards, State and Local Jurisdictions rules and ordinances; and

WHEREAS, EWEB has Joint Use Charges and Fees for attachment to EWEB facilities and related activities; and

WHEREAS, the Board of Commissioners has reviewed the addition of communication and transmission structures to the Joint Use charges and fees.

NOW, THEREFORE, BE IT RESOLVED that the Board hereby authorizes the General Manager to add communication tower and transmission structure fees to the Joint Use Wireless Fee Schedule in the Customer Service Policy as recommended and approved at the February 2, 2021 board meeting.

DATED this 2nd day of February 2021.

THE CITY OF EUGENE, OREGON
Acting by and through the
Eugene Water & Electric Board

President

I, ANNE M. KAH the duly appointed, qualified, and acting Assistant Secretary of the Eugene Water & Electric Board, do hereby certify that the above is a true and exact copy of the Resolution adopted by the Board at its February 2, 2021 Board Meeting.

Assistant Secretary