

Joint Use Pole Attachment Program

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Discussion Roadmap

Program purpose, controls, process, and volume.



01 Program foundation

Purpose, agreements, and governing requirements

02 How attachments are managed

Application intake, engineering review, make-ready, and permits

03 What safe attachments look like

Examples of wireline, wireless, streetlight, and clearance constraints

04 Program volume and direction

Metrics, billing, and upcoming agreement updates

05 Q&A

Questions and discussion

Program at a Glance

Tacoma Power manages pole access while preserving safe, reliable electric operations.

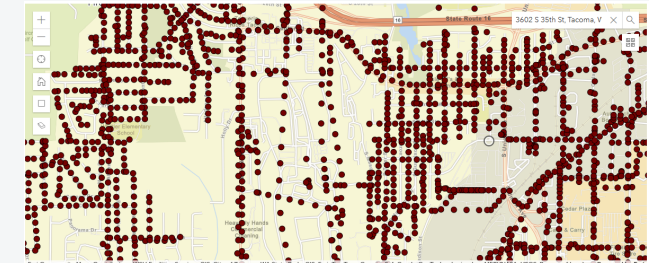


Program Purpose

- Provide structured access for qualified facility owners
- Protect public and worker safety through standards-based review
- Preserve Tacoma Power system reliability and future utility capacity
- Recover costs through fees and billing controls and generate revenue for the utility

PRIMARY APPLICATION TYPES

Wireline • Wireless • Streetlight

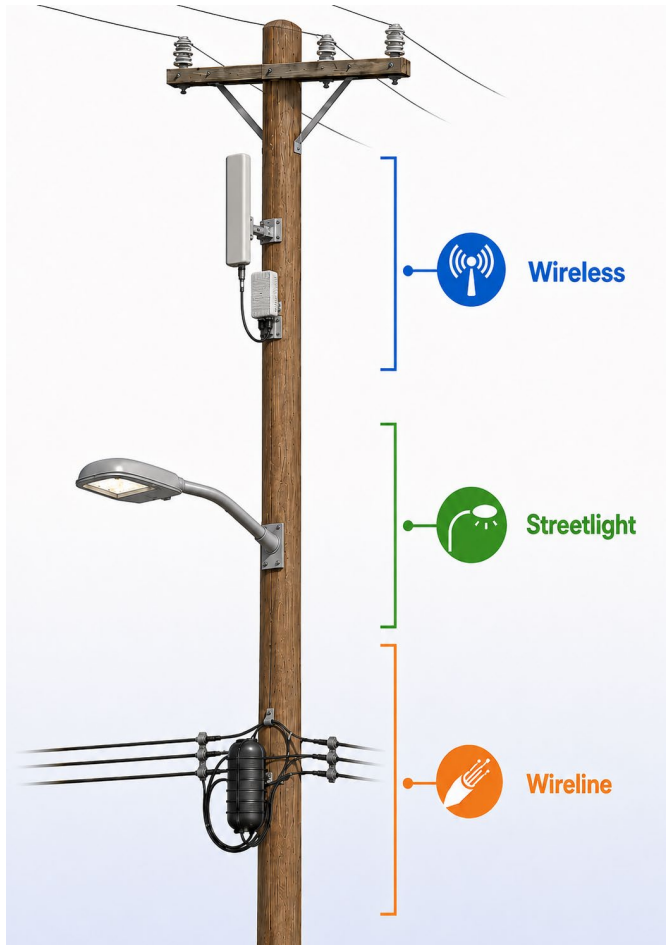


Accela supports intake and permit administration

- Customer portal and application fees
- Documentation review and routing
- Permit closeout, asset updates, and billing

Attachment Agreements

PUB-approved templates establish consistent requirements before customers attach to Tacoma Power poles.



PUB-Approved Agreement Types

Wireline

Fiber and communications attachments in the communications space

Wireless

Wireless devices and supporting equipment connected to facilities on poles

Streetlight

Streetlight attachments and related equipment

Optional tools include pre-payment for make-ready work and expedited overlash for eligible wireline agreement holders.

Core Requirements

- Timelines and permit windows
- NESC, WAC, Tacoma Power standards and codes
- Engineering practices and policies
- Franchise and eligibility requirements
- Insurance criteria

Fee Schedule & Billing

Fees vary by attachment type and support program cost recovery.



Application Fees

- Paid at application intake
- Amount depends on attachment type and scope
- Wireline: \$175 for first 15 poles; \$5 each additional pole, up to 50 poles per application
- Wireless: \$300 base for first 5 poles; \$100 each additional pole, up to 10 poles per application

Annual Attachment Fees

- Wireline non-government: \$44.40 annually
- Wireless: microcell \$198; small cell \$421; minor facility \$6,473
- Streetlight/government rate: \$10.18

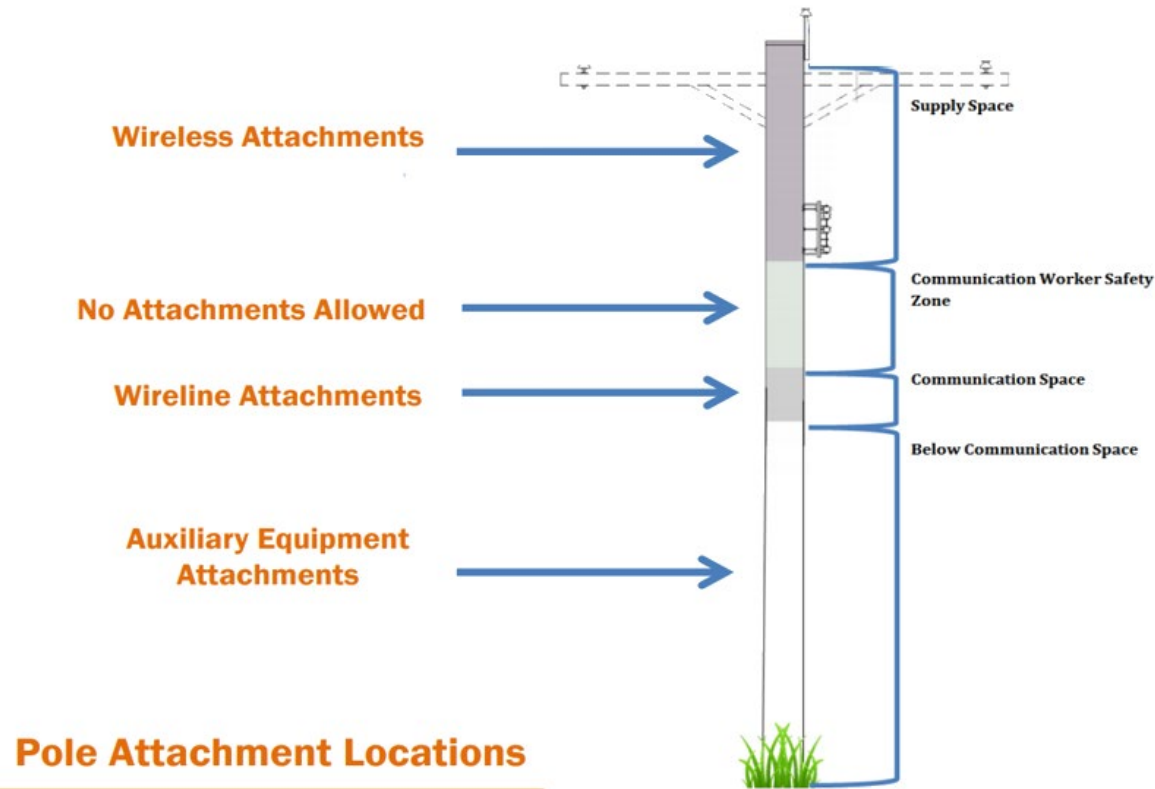
Violation / Other Fees

- Unauthorized attachment fee may apply (5 x annual attachment fee)
- Late payment of 1% interest may apply 30 days after due date
- Fees may be reviewed annually under the MPAA

Planning note: T&D will return to the Public Utility Board with updated template recommendations and selected fee increases before 2018 agreements begin expiring in 2028.

Pole Attachment Overview

Shared use of pole space must be carefully managed to protect safety, capacity, and reliability.

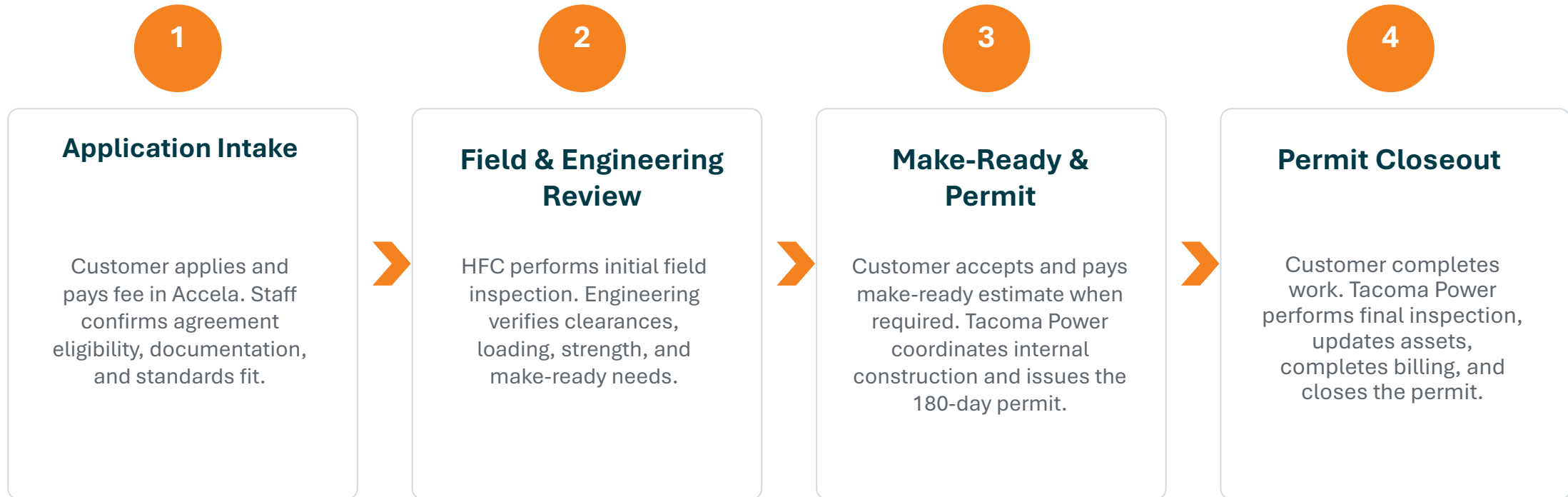


Core Operating Principles

- **Agreement-based access**
Tacoma Power enters into an agreement with each facility owner.
- **Non-discriminatory treatment**
Applications are handled using established agreements, standards, and first-come, first-served processing.
- **Safety-zone protection**
Communications attachments must preserve required clearances and the worker safety zone.

Application Process

A standardized workflow moves each request from intake through permit closeout.



Program oversight coordinates internal teams, external customers, engineering, inspections, mapping, contract eligibility, and financial services.

Engineering Review & Pole Analysis

Engineering review confirms the attachment can be made safely and identifies work needed before approval.



What Engineering Checks

- Application details and HFC inspector notes
- Required clearances under NESC and Tacoma Power Standards
- Physical pole space and potential relocation needs
- Communications worker safety zone at the pole and midspan
- Pole strength and loading using accepted utility software

OUTCOME

A cost estimate and corrections needed to accept the attachment.

Common Questions

Can a pole replacement be required?

Yes. Pole height, strength, construction grade, and existing attachments can make replacement necessary.

How are future needs considered?

Current distribution applications use a 50-foot minimum pole length to support future attachments over the life of the pole.

Typical make-ready cost?

Distribution: ≈ \$10k–\$25k. Transmission: ≈ \$25k–\$50k.
Exceptions include railroad and highway crossings.

Attachment Examples

Where facilities attach and why clearance review matters.



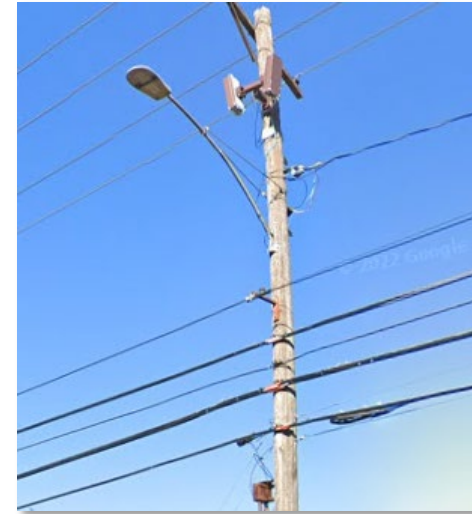
Wireline

Communications space
Congested pole



Wireline

Communications space
Post-pole replacement



Wireless / Streetlight

Supply space
Antenna equipment

Program Metrics

Volume, activity, and fee data through August 15, 2026.



Program scale

Total Applications

2,237

2019 to present (222 in 2026)

Total Attachment Requests

30,489

2019 to present (2,957 in 2026)

Application Fees Collected

\$409,850

2019 to present

Active Applications

246

as of 8/15/2026

Active Attachment Requests

3,204

as of 8/15/2026

Attachment Fees Collected

\$11,358,370.16

2019 to present

What the metrics show

- Average of 25 applications per month
- Applications average nearly 14 attachment requests each
- Approximately 330 poles requested each month
- \$1,419,796 average attachment fees collected annually

Key Takeaways

The program balances access, safety, reliability, consistency, and cost recovery.



- | | | |
|---|--|---|
| 1 | Safety comes first | Every attachment is reviewed against NESC, WAC, Tacoma Power standards, clearances, and pole loading requirements. |
| 2 | Access is structured and consistent | PUB-approved templates, standard application processing, and clear requirements help ensure non-discriminatory treatment. |
| 3 | Make-ready protects reliability | Required corrections, relocations, and pole replacements are identified before work is permitted. |
| 4 | Fees support cost recovery | Application, attachment, and violation fees recover costs and are subject to annual review. |
| 5 | Agreements need future updates | Current 2018 agreements begin expiring in 2028; updated agreements and selected fee changes are planned for Board review. |

Q&A



Questions and discussion



Acronyms

MPAA	Master Pole Attachment Agreement	HFC	Hybrid Fiber Coax
NESC	National Electric Safety Code	WAC	Washington Administrative Code

Permitting Timeline

Standard timing sequence when make-ready is required.

