



FEE SCHEDULE

*Important Information from
Your Local Non-Profit Utility*

EXCESS CAPACITY NETWORK ACCESS CHARGES

Approved: June 8, 2020

Effective: July 1, 2020

Resolution: 2172-20

1. Port Endpoints

A. Service Provider

- i. Internet Port Fees:
 - a. Monthly Recurring Charge (MRC): \$75 per 1Gb, \$125 per 10Gb port.
 - b. Non-recurring Charge (NRC) for Set-up: \$100 (per access port)
- ii. Internet Port Notes:
 - a. This port will be used in some manner by a Retail Service Provider (RSP) for purposes other than delivering Internet to an end user.
 - b. Examples of a Service Provider Internet port are: the demarcation point where the PUD hands off aggregated end user Internet traffic to the RSP, wireless access points, any private network exchange inside a PUD telecommunications facility, end user ports in use by an application service provider, end user ports used in support of "sale of resale" of Internet. These examples are not intended to be inclusive.
 - c. At least one of these ports is required for a service provider. As such, it will be the demarcation point where the PUD hands off aggregated end user Internet traffic to the retail service provider. The service provider then elects to obtain Internet from the provider of their choice. This port may be fed directly by PUD Internet.
 - d. As a courtesy, this fee includes with it a 2RMU router co-location space at either of the PUD's primary nodes. However, it is not mandatory that the demarcation be located in a PUD facility. The demarcation port may be located anywhere that is mutually acceptable with the PUD and the service provider.
 - e. Internet bandwidth rate will be determined using a 95th percentile metric based on a 60 second sampling rate. Alternately, an RSP can elect to have the port capped at any rate for a fixed cost and the 36 hours (the "5%") of free bandwidth typical in a 30-day measured month.
 - f. A minimum of one Transport Group is required of each service provider.
 - g. Service provider wireless access points require Service Provider Internet Port/Multi service Port.

B. End User Internet Port

- i. Charges:
 - a. Non-Recurring Set-up Charge (NRC): \$100 per port
 - b. Monthly Recurring Charges (MRC)
 - 1) \$175 Multi Service 10Gb Port
 - 2) \$100 Multi Service 1Gb Port
 - 3) \$125 per port configured at 10Gb Access port
 - 4) \$75 per port configured at 1 Gb (Class I port)
 - 5) \$50 per port configured at 100 Mb (Class II port)
 - 6) \$25 per port configured at 10 Mb (Class III port)
- ii. Notes:
 - a. This port will supply Internet to an end user attached to the PUD network.

- b. The RSP must add Internet to this port for it to be active. The RSP may acquire Internet from the PUD or any other third-party provider.
- c. Multiple end users served from a single premise gateway require a Multi Service Port.

2. PUD Internet

A. 95th Percentile/Minimum Commitment

i. Price schedule

Minimum Commit	Price/Megabit Current
Less than 2 Mb	\$25
2 Mb	\$25
5 Mb	\$23
10 Mb	\$20
30 Mb	\$18
50 Mb	\$18
75 Mb	\$16
100 Mb	\$15
125 Mb	\$15
150 Mb	\$12
200 Mb	\$10
250 Mb	\$9
300 Mb	\$8
350 Mb	\$6
400 Mb	\$5
450 Mb	\$5
500 Mb	\$5

ii. 95th Percentile/Minimum Commitment Pricing Notes

- a. Billing to RSP's will be determined using a 95th percentile metric, to the nearest tenth of a megabit.
- b. If the measured usage is less than the contractually committed bandwidth requested, the minimum bandwidth charge will apply. The Minimum Bandwidth Charge schedule is as follows:

Minimum Bandwidth Charge Table
\$150 at a 5 Mb minimum commitment
\$250 at a 10 Mb minimum commitment
\$1,800 at a 100 Mb minimum commitment
\$3,000 at a 500 Mb minimum commitment

- c. For example, if a commitment is made for a 200 Mb Minimum Commit and the usage is 206Mb, all 206 Mb will be billed at the 200 Mb price (206 x \$12 = \$2,472). If no Minimum Commitment is made, all usage will be at \$25/Mb. The RSP “buys down” the rate by committing to a minimum usage multiplier.
- d. Price is a monthly recurring charge.
- e. PUD internet will be delivered to any port on-net at no additional charge.

3. Layer 2 Ethernet Transport

A. Transport Group

i. Fees

- a. One-time non-recurring charge per transport group: \$500
- b. Additional engineering fees may be charged for MPLS, QinQ or other Layer 2+ or Layer 3 implementations (\$25/mo /port qinq) (\$75/mo /port mpls).

ii. Notes:

- a. A transport group is defined as a set of network endpoints that all share a common discrete means for transmitting and receiving data between each other. (Similar to VLAN)

B. Point-to-Point Ethernet Transport (2 points)

i. Monthly Recurring Charges (MRC):

Capacity	# Ports	MRC
1 Mb	2	\$160
10 Mb ^(c)	2	\$200
100 Mb ^(c)	2	\$400
1 Gb	2	\$800
10 Gb	2	\$1,600

ii. Notes:

- a. Ports will be used for point-to-point Ethernet connections on the PUD network.
- b. Additional ports (>2) for one vlan are:
 - a. 10/100Mb interface \$50
 - b. 1Gb interface \$75
 - c. 10Gb interface \$125
- c. Between 10 Mbps and 100 Mbps each additional 10 Mbps = \$20
- d. Forks area PTP additional \$155 per month for leased facilities.
- e. Additional rates may be added for 3rd party leased lines as well.
- f. Endpoint equipment upgrades, if needed, will be billed to customer as applicable.

4. Collocation Rack Space

A. Two-post 19" Chatsworth

i. Monthly Recurring Charges (MRC)

- a. Full Frame: \$150 per month
- b. Third Frame: \$75 per month

ii. Notes:

- a. UPS protection is to be provided by the lessee and must be rack-mountable.
- b. DC power is available on a case-by-case basis.
- c. Racks are multi-mount style. Universal tap mount is available upon request.
- d. Portable, on-site backup generator power to be provided by the PUD within four hours of an outage.
- e. Installation is the lessee's responsibility.

5. General Notes

- A. A port is defined as any physical point where network traffic enters or leaves the PUD telecommunications transport domain.
- B. A port charge applies to each port regardless of the class of equipment on which it is provisioned.
- C. The standard service connection shall be CAT 5, RJ-45 10/100.
- D. West End (i.e., Forks, Sekiu, &/or Clallam Bay) surcharges or credit may apply.
- E. All services are subject to the Clallam County PUD Terms of Service.
- F. Equipment charges will apply upon request of upgrade to services not currently available at locations requested.