



**Public Utility District No. 1
of
Pend Oreille County**

**Community
Network
System**

**Broadband Communication
Policies & Fees**

Authorized by Board Resolution No. 1149
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ACCESS REQUIREMENTS

- 1.1. If sufficient excess capacity exists, the District shall allow access to its communications network infrastructure as permitted by law.
- 1.2. To facilitate access to excess capacity, the District will provide lit bandwidth.
- 1.3. To access lit bandwidth, the requesting party and the District must mutually agree on infrastructure necessary to interface to the District's system and who shall build, pay for, and own that infrastructure. District staff must also determine that the requested use of system will not interfere with any internal District communication activities.
- 1.4. All third party, retail service provider access to excess capacity shall be formalized through the use of contracts.
- 1.5 To qualify as a third party provider for District provisioned wholesale services the provider must meet the minimum of the following requirements:
 - (a) Proof of liability insurance.
 - (b) UBI (business license) number.
 - (c) 24x7 technical and customer support ability (provide local access number(s)).
 - (d) Ability to install and provision consumer services.
 - (e) Operational billing and collection administrative functions, samples to be provided upon request.
 - (f) Proof or statement of intent to operate as a telecom or Internet Service Provider (ISP).
 - (g) Have, or have the qualifications to obtain, the Federal Communications Commission (FCC) Universal Services Administration Company (USAC) Service Provider Information Number (SPIN) to qualify to provide services to eligible entities.

OWNERSHIP OF FACILITIES

- 2.1 The District shall own all backbone infrastructure and will provide access to this backbone at various locations, within or adjacent to Pend Oreille County.
- 2.2 The requesting party shall pay access fees and charges, as set forth in Section 4 below, for the distribution infrastructure necessary to access the District's backbone. The District shall own this fiber distribution infrastructure from the point of access to the backbone up to and including the terminal equipment located at the requesting party's premises. The requesting party shall own any communication infrastructure from the terminal equipment and extending internally through the requesting party's premises. In selected cases the District may allow qualified telecommunications companies or contractors to build

distribution infrastructure to interconnect a customer or retail service provider to the District’s communication system. In such event, system standards, ownership, and access fees shall be agreed upon, in writing, prior to beginning construction.

- 2.3 District personnel shall have full and unrestricted access to the requesting party’s premises for purposes of accessing and maintaining fiber, terminal equipment, and any other District owned communication infrastructure.

BANDWIDTH FEES AND CHARGES

- 3.1 Any customer who wishes access to NoaNet, utilizing facilities at or within the South Section, shall pay all applicable NoaNet fees, which shall incorporate a contractually (between NoaNet and the District) agreed upon District fee.
- 3.2 All District customers utilizing the District’s local loop infrastructure shall be charged the below listed local loop monthly fees in Table 1 for each circuit established on their behalf:

Port Access	Monthly	Multi-Year Contract
0.5 Mb/s Port -	\$ 300.00	N/A
10 Mb/s Port *	\$ 600.00	N/A
100 Mb/s Port	\$ 1,500.00	N/A
Aggregated Gigabit Port	\$ 2,500.00	N/A
Dedicated Gigabit Port	\$ 4,000.00	N/A
Extra Port Connection(s)**	\$ 50.00	N/A
Residential/Small Business Pilot	\$ 24.95	N/A
TDM Access		
T1 / T1 Emulation	\$ 500.00	N/A
Video Transport (one way Ethernet)		
Minimum (includes 1 Channel)	\$ 400.00	N/A
Per Channel Less Than 10 Total	\$ 50.00	N/A
Per Channel Greater Than 10	\$ 10.00	N/A

Table 1 Port Access Fees

* Fast Ethernet (100Mbps) can be upgraded at no additional cost for circuits that originate and terminate from the same backbone access point.

**The IP Extra Port Connection shall apply only to multiple circuits connecting physically separated business premises under common ownership or lease. It is not available to retail service providers wishing to connect to multiple retail customers.

3.3 Parties desiring the District’s Internet product, currently provided through the NoaNet Network, shall be charged based on the fees and commitments listed in Table 2. The Internet product provided is a multi-homed, diverse path solution via four separate providers in two distinct geographic regions. Billing is based upon five minute increment 95 percentile utilization. Bursting is provided with speeds up to provided port-speed. It is the responsibility of the purchasing party to monitor and control their bandwidth consumption.

Base Commitment Level*	Monthly Recurring Charge/Cost per Mbs	Burst Rate**/Mbs
1 Mbs	\$ 300.00/\$300.00	\$300.00
3 Mbs	\$ 750.00/\$250.00	\$300.00
5 Mbs	\$1,100.00/\$220.00	\$250.00
10 Mbs	\$2,000.00/\$200.00	\$220.00
15 Mbs	\$2,700.00/\$180.00	\$200.00
25 Mbs	\$3,300.00/\$165.00	\$180.00
50 Mbs	\$7,750.00/\$155.00	\$165.00
75 Mbs	\$11,250.00/\$150.00	\$155.00
100 Mbs+	\$14,400.00/\$144.00	\$150.00

Table 2 Internet Services

* The Base Commitment Level is the contractual agreement commitment for monthly Internet Service requested by purchasing party. It is not a ceiling for use. The service provides a burst-able value up to the port speed provided. The 1 Mbs is the only product that is month to month, all other commitments require a one-year agreement.

** The Burst Rate is the per Mbs charge for Internet consumption that exceeds the contractual Base Commitment Level. All usage is rounded upward to the nearest whole number based upon five minute interval ninety-fifth percentile monitoring.

- 3.4 Customers desiring NoaNet service may be subject to exit local loop charges as well as District and NoaNet fees, depending on type of service desired and other factors.
- 3.5 The District may or may not charge an account management fee, ranging up to a maximum of 15% of the total billing, depending on complexities of managing the customer’s connectivity.
- 3.6 The District will not provide or facilitate Internet Addressing to any entity other than an Internet Service Provider.
- 3.7 The District will provide for the following Multiple Connects Backhaul Fee Schedule listed in Table 3 for same-ownership multiple distribution sites located within Pend Oreille County. These fees are in addition to the port access fee from

Table 1. Port access must be established and maintained for aggregating backhaul to occur.

Connects	10 Mbs	100 Mbs
1	\$600 Each	\$1500 Each
2-3	\$500 Each	\$1200 Each
4-6	\$400 Each	\$ 900 Each
7-9	\$350 Each	\$ 750 Each
10+	\$300 Each	\$ 600 Each

Table 3 Multiple-Connects Backhaul Fee Schedule

3.8 The District-owned dark fiber is normally not available for lease. When determined that fiber facilities will not be stranded the rate to qualified telecommunications providers shall be \$25.00 per fiber mile, per month with the provisions listed below. Mileage shall be determined and documented with OTDR report tendered to lessor.

Fiber river crossings will be assessed a specialized facilities fee of \$500.00/month per four fiber bundle in addition to distance charges

Dark Fiber lease shall have a minimum monthly recurring cost of \$600.00 and a minimum of two fibers in the leased segment, rounding always to the next highest mile, The District does not lease single strand.

Whenever the District determines it necessary to recover fiber for its own use, it shall do so by written notice, subject any contractual terms that may be agreed. Should the lessee not vacate use of the fiber strands, the District may, at its sole option, either terminate service or charge a failure to relinquish facility surcharge of \$50.00 per day per ten (10) fiber-mile, segment.

ACCESS FEES AND CHARGES

4.1 For requesting parties with premises located within two miles of a backbone access point, or on a case-by-case basis where the District chooses to locate a new point of access, the District will provide lit bandwidth, consisting of a minimum of two strands of fiber from the backbone access point to the requesting party’s premises, under the following fee schedule shown in Table 4:

Overhead Fiber Cost per Foot	\$ 0.80
Underground Fiber Cost per Foot	\$ 1.80
Premise Terminal Equipment	\$ 400.00
Provisioning Fee	

Requested Capacity < 1 Megabit	\$ 500.00
Requested Capacity > 1 Megabit	\$ 1,000.00
Multiple Connect 1-5 Provisioning	\$ 500.00
Multiple Connect >5 Provisioning	\$ 300.00
Storage Loop Splice	\$2,500.00

Table 4 Non Recurring Fee Schedule

- 4.2 Parties requesting Virtual Private Networks may be charged an additional provisioning fee. This charge shall be cost-based and incorporate an estimate of labor hours necessary for provisioning.
- 4.3 One-time, non-recurring access fees and other charges from NoaNet shall be charged at cost, plus 10%.
- 4.4 For parties located more than two miles from a backbone access point, the District will calculate a cost-based line extension fee factoring in the specific situation and physical conditions of the build-out.
- 4.5 For parties requesting dark fiber leases, or co-location for any other purpose, the District will charge a fee of \$50.00 per 3 rack units (5.25”) per month for a 19’ or 23” open rack, or \$300.00 for half of a locked cabinet plus usage based charges for power. For rack utilization of greater than fifty percent, requesting party shall be assessed a one time non recurring charge of \$1,000.00 for open rack and \$1750.00 for a locked cabinet. All installed racks, trays, and cable runs shall remain the property of the District. All co-location will require an executed co-location agreement.
- 4.6 Certain late payment or collection related fees may apply as set forth in electric customer policies.

SPECIAL FEES AND CHARGES TOWER FACILITIES

- 5.0 The District owns and operates communications structures, towers, and poles located in various areas of the District’s service territory. The District intends to lease communication space, when possible, on these facilities.
- 5.1 Lease of space on communication structures will be accommodated when such placement does not interfere physically, structurally, or electronically with the facilities currently positioned or planned for that facility.
- 5.2 When available, the District will lease required communication rack space in existing communication structures in accordance with the provisions of Section 4.5.
- 5.3 When needs or security requirements necessitate a separate weather tight secured equipment cabinet or enclosure with a footprint of less than 10 square feet and less than 40 cubic feet in volume the District will accommodate a mutually agreed upon location and lease rate. Larger enclosures will be evaluated on a case-by-case. An approved metered electrical service will be required for all enclosures.

5.4 When needs or security requirements necessitate a separate secured communication structure the District will evaluate the feasibility of a property lease on a case-by-case basis.

5.5 All parties leasing tower space will be required to enter into a tower lease agreement with the District.

5.6 All structural attachments will be engineered by a Professional Structural Engineer licensed in the State of Washington, unless facility has been pre-engineered to accommodate the planned attachment.

5.7 All construction and attachment installations shall be performed by an OSHA Certified Tower Worker with current Rescue Certification documentation. Prior to commencing work written approval of .qualified communications contractor must be obtained from the District.

5.8 All permits, certificates, or other governmental approvals required by federal, state, or local authorities shall be obtained by owner prior to commencing operation.

5.9 Poles, towers, or structures greater than 70 feet in elevation

The District owns and operates a communications tower located at its Metaline Falls Water Treatment Facility. The tower is a 150' galvanized 18 sided tapered steel pole self-support design with the following tenant availability:

5.9.1 Position 1 is at the 150 foot elevation of the tower and is rated for a 12' platform ('nest') and Qty (9) ALLGON 7130.18 like Panels and up to (9) exposed 7/8" cables.

5.9.2 Position 2 is at the 140 foot elevation of the tower and is rated for a Qty (1) six foot (6') Standard Dish with Radome and Qty (1) four foot (4') Standard Dish with Radome. Exposed cabling allowed (1) EW63 and (1) 7/8".

5.9.3 Position 3 is at the 120 foot elevation of the tower and is rated for a 12' platform ('nest') and Qty (9) ALLGON 7130.18 like Panels and up to (9) exposed 7/8" cables.

5.9.4 Position 4 is at the 120 foot elevation of the tower and is rated for Qty (3) six foot (6') Standard Dish with Radome at sectored locations 0, 120, and 240. First tenant establishes the sector. Exposed cabling allowed (3) EW63.

5.9.5 Position 5 is at the 80 foot elevation of the tower and is rated for Qty (3) 24' x 24" x 6" Panels at sectored locations 0, 120, and 240. First tenant establishes the sector. Exposed cabling allowed (3) 7/8".

5.9.6 Platform mounting is required for three or more antenna and renter shall provide approved platform, installed to industry standard specification by a qualified communications contractor at their own expense. The approved platform, upon installation, becomes an integral part of the tower and is therefore the property of the District.

Metaline Falls Tower	MRC (Monthly Recurring Charge)	NRC (Non Recurring Charge)
Operational Cellular Site*	\$1500.00	TBD (To Be Determined)
Operational Micro Cellular Site*	\$1000.00	TBD (To Be Determined)
Position 1/Sector (2 Cables)	\$300.00	\$500.00
Position 2 6 Foot Dish	\$500.00	\$500.00
Position 2 4 Foot Dish	\$400.00	\$500.00
Position 3/Sector (2 Cables)	\$300.00	\$500.00
Position 4 6 Foot Dish	\$300.00	\$500.00
Position 5 2'by 2' Panels	\$200.00	\$500.00
All Positions Community Service**	\$ 50.00	Cost

Table 5 Cellular Facilities and Antenna Co-location Fees

* Includes one T1 Service from cellular site to CN System Point of Presence

**Community Service is defined as a Pend Oreille County not for profit public service entity whose primary business is providing essential life line services to the community. This might include, but not be limited to, fire districts, not for profit ambulance or medical services, and other agencies

5.10 Poles, towers, or structures less than 70 feet in elevation;

Minor Contact(s) such as cable attachments made in the communication space, as defined in the NESC, will be assessed fees in accordance with the pole attachment policy. Any equipment, such as antennas, radios, collectors, access points, power supplies, etc are generally not allowed in this space but can be evaluated on a case-by-case basis. A monthly fee of \$50.00 will be assessed for any device that requires an antenna, broadcasts and receives signals, and requires an electric connection.

Facilities proposed above the electric space, as defined in the NESC, are strictly prohibited.

The District, at its sole discretion, may place a wooden co-location pole on District owned property when the tenant is connecting to the District's fiber optic facilities. The non-recurring fee for the placement of a wood pole is \$1500.00. The monthly recurring fee for placement of antennas is \$50.00 per antenna. Included in this recurring fee is space to locate electronics and cables. Electric power is not included and must be separately facilitated by tenant.