

COMMUNICATION TRANSPORT SERVICES

RETAIL PON CONNECTION

Internet + WiFi
 Internet + WiFi Low income Program Enrolled (LIPE)
 Internet + WiFi + Dedicated IP

	150/150 Mbps	1/1 Gbps	3/3 Gbps	5/5 Gbps	NRC MTU Charge
MRC	\$65	\$75	\$150	n/a	n/a
MRC	\$45	\$55	n/a	n/a	n/a
MRC	n/a	\$100	\$200	\$350	\$500

WHOLESALE PON CONNECTION

PON PORT (w/ JPUD internet and IP. No WiFi)
 PON PORT (w/ JPUD internet and IP. No WiFi) LIPE
 PON PORT (w/ JPUD internet and Dedicated IP. No WiFi)
 PON PORT (no internet, no IP, no WiFi)*
 PON PORT (no internet, no IP, no WiFi)* LIPE

	150/150 Mbps	1/1 Gbps	3/3 Gbps	5/5 Gbps
MRC	\$52	\$60	\$120	n/a
MRC	\$42	\$50	n/a	n/a
MRC	n/a	\$80	\$160	\$280
MRC	\$39	\$45	\$90	\$180
MRC	\$29	\$35	n/a	n/a

**Requires additional transport and/or collocation.*

NETWORK TRANSPORT

Does not include internet.

WHOLESALE NETWORK TRANSPORT
 GOV NETWORK TRANSPORT
 RETAIL NETWORK TRANSPORT

Core Connection		End Points (per point)	
MRC	NRC	MRC	NRC
\$200	\$350	\$150	\$50
\$250	\$400	\$165	\$75
\$300	\$500	\$180	\$100

INTERNET ACCESS

Requires transport.

DEDICATED PRODUCT (delivered at 95th Percentile)

WHOLESALE DEDICATED INTERNET
 GOV DEDICATED INTERNET
 RETAIL DEDICATED INTERNET

	MRC	NRC
Price/Mbps		
WHOLESALE DEDICATED INTERNET	\$0.45	\$350
GOV DEDICATED INTERNET	\$0.55	\$400
RETAIL DEDICATED INTERNET	\$0.65	\$500

METERED PRODUCT (Billed at 95th Percentile)

WHOLESALE METERED INTERNET
 GOV METERED INTERNET
 RETAIL METERED INTERENT

	MRC	NRC
Price/Mbps		
WHOLESALE METERED INTERNET	\$0.55	\$350
GOV METERED INTERNET	\$0.65	\$400
RETAIL METERED INTERENT	\$0.75	\$500

LEGACY NETWORK CHARGES

To be discontinued

ALL CURRENT BILLED RATES APPLY THROUGH 12/31/24

NO NEW CONNECTIONS AVAILABLE

COLOCATION

charged per item per facility	MRC
Full Rack	\$400
Half Rack	\$250
One Quarter Rack	\$150
DC Power	\$18

per each 5 amps of total installed breaker capacity.
Additional 20-amp AC circuits By request. Cost to be determined if available.

FIBER LINE EXTENSION CHARGES

See Broadband tab of JPUD website for published maps of project areas.

AREA	W/n Take Rate	Past Take Rate	Past Footage Limit
UNFUNDED SERVICE ZONE	All construction charges billed to customer.	All construction charges billed to customer.	All construction charges billed to customer.
GRANT FUNDED PROJECT AREAS	No charge to eligible customers for fiber construction and equipment installation. Limited to ~1000 ft.	\$750 to eligible customers for fiber construction and equipment installation. Limited to ~1000 ft.	A portion of construction charges beyond 1100 ft billed to customer.
DESIGNATED AREAS ADJACENT TO GRANT PROJECTS	\$750 to eligible customers for fiber construction and equipment installation. Limited to ~500 ft.	n/a	A portion of construction charges beyond 550 ft billed to customer.
BUSINESS DISTRICT LOAN PROJECT AREAS (Requires UBI#)	\$1,200 to eligible customers for fiber construction and equipment installation. Limited to ~500 ft.	n/a	A portion of construction charges beyond 550 ft billed to customer.

OTHER BROADBAND PRODUCTS

RETAIL WIFI & MESH ROUTER RENTAL

Speeds	2.5/2.5 GbpsOutdoor	1/1 Gbps
MRC	\$25	\$10

RETAIL HOME CONTROL APP SUITE

MRC	\$10
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RETAIL VOICE OVER INTERNET PROTOCOL (VOIP) TELEPHONE SERVICE

Local, long distance, and limited international telephone line with numerous features.

Basic Package
Premium Package
PUD Verified Low-Income Discount
Full Business Solution

RETAIL MRC	
Basic Package	\$15
Premium Package	\$25
PUD Verified Low-Income Discount	-\$5
Full Business Solution	Request Quote

LABOR CHARGES

Applies to any requested work not included in installation, or for work on non PUD facilities

DURING OFFICE HOURS	\$150 per hour	30 minutes minimum
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8am to 4:30pm, Monday through Friday, excluding holidays.

AFTER HOURS	\$200 per hour	1hr. minimum
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4:30pm to 8am, Monday through Friday and anytime weekends and holidays.

Note 1. RETAIL PON CONNECTION: These rates are available for a shared best-effort connection on the PON network. These rates are only available for direct service to residential, business, and government retail customers. There are three sets of rates:

- Internet + WiFi. This product includes a fiber modem equivalent and WiFi router. The end-user may not resell this product.
- Internet + WiFi Low Income Program Eligible. These rates include a discount and are available only to households who have applied for and been approved to receive JPUD Low Income Program Rates. This product includes a fiber modem equivalent and WiFi router. The end-user may not resell this product.
- Internet + WiFi + Dedicated IP. The PUD will provide a permanent fixed IP address for this customer. The end-user may not resell this product, with the exception being the 5/5 Gbps package which may be used to resell internet only, within Multi-Tenant Units (MTUs). An additional non-recurring engineering charge applies to MTUs utilizing the 5/5 Gbps product. This product includes a fiber modem equivalent and WiFi router.

Note 2. WHOLESALE PON CONNECTION: These are the wholesale rates available to any approved ISP on the PUD network who wishes to purchase PON connections and resell them to end users.

- PON PORT (w/JPUD Internet and IP. No WiFi). PON connection via ethernet port at the End User Premises that includes routing to and from the Internet. Includes optical modem equivalent but no WiFi router.
- PON PORT (w/JPUD Internet and Dedicated IP. No WiFi). PON connection via ethernet port at the End User Premises that includes routing to and from the Internet. JPUD will provide a permanent fixed IP address for end users over this connection. Includes optical modem equivalent but no WiFi router.
- PON PORT (no internet, no IP, no WiFi). PON connection via ethernet port at the End User Premises that does not include an Internet connection, nor assignment of PUD owned IP addresses, nor a WiFi router. If the ISP chooses this product, it must also buy Network Transport and possibly Colocation, and/or Internet Access. Includes optical modem equivalent.
- Low Income Program Eligible Rates (LIPE): Wholesale PON Connections serving End Users qualified by JPUD as eligible for Low Income Program rates. JPUD must provide verification before rate is applied. JPUD strongly encourages ISPs to match the discount provided in the Low Income Program Eligible rates.

Note 3. Network Transport. This is a lit Layer 2 fiber connection to a port on a JPUD Core Device. Network Transport requires an MRC and NRC charge per each End Point and per each Core Device Port utilized. End points require direct fiber connections and are not available over PON connections.

Network Transport connections are available as retail directly to businesses, as retail directly to government locations, or on a wholesale basis to approved ISPs.

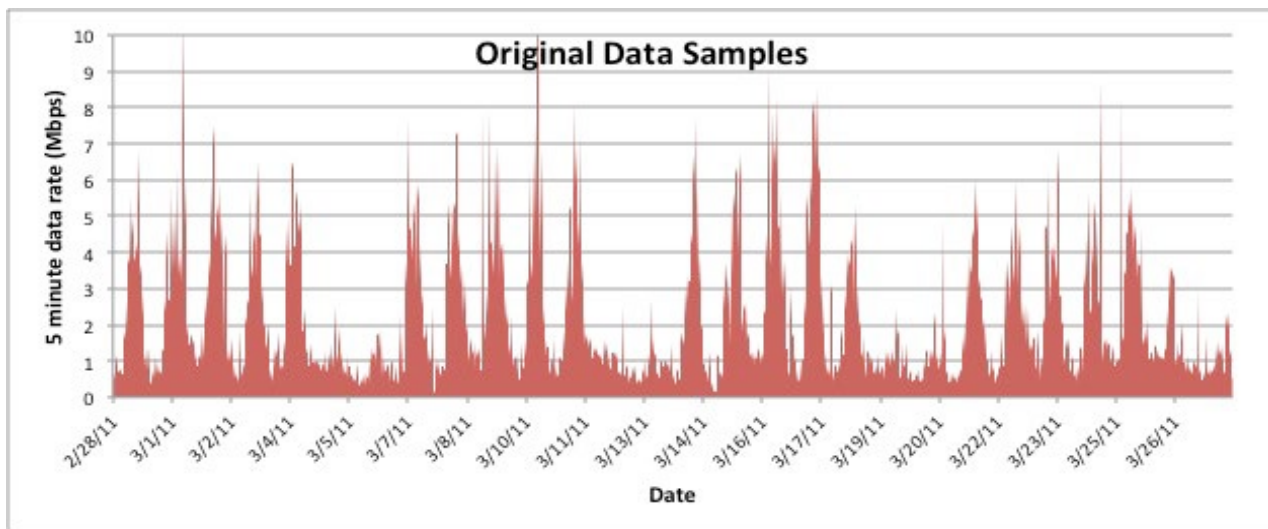
Note 4. Internet Access. This product can be purchased as a retail or wholesale product. For all uses, the customer must also buy at least one Network Transport Connection. There are separate rates for retail, wholesale, and government connections. Corresponding non-recurring engineering charge applies to each internet access connection.

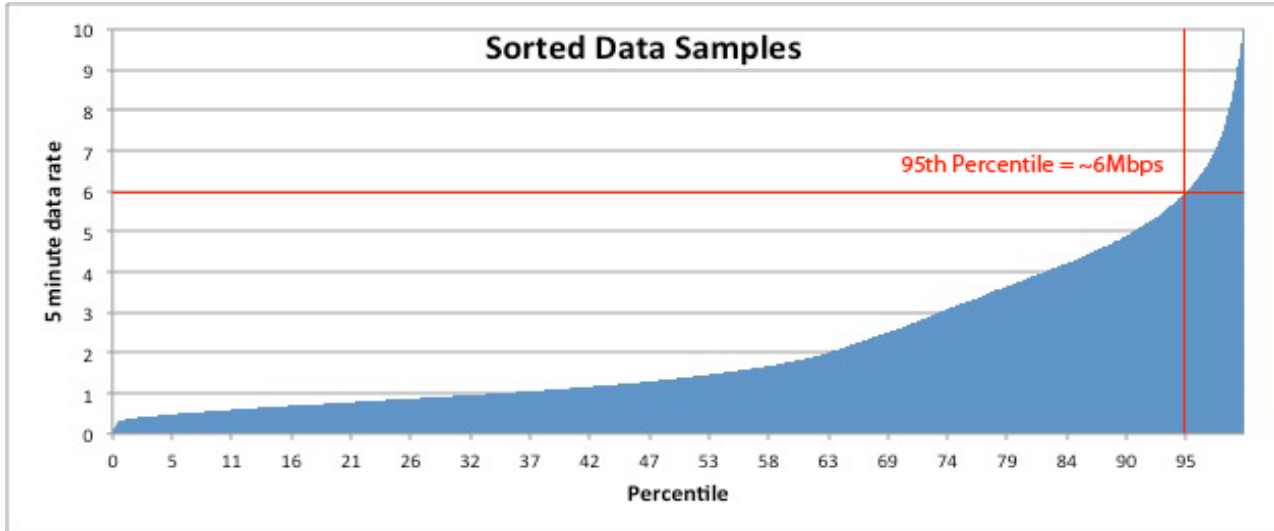
There are two options for purchasing this product – dedicated or metered.

- **Dedicated.** With the dedicated product the customer or the ISP presubscribes to a specific broadband speed of their choosing (must be rounded to the nearest 100Mbps). The monthly recurring charge is determined by multiplying the subscribed speed (e.g., 500 Mbps) by the per megabit per second rate assigned to their customer class (i.e., retail, gov, wholesale). Service is delivered at or above the 95th percentile. A non-recurring engineering charge applies to each Internet Access connection.
- **Metered.** With the metered product the customer or the ISP subscribers will pay for actual peak internet usage for the month measured at the 95th percentile. Usage on the connection will be measured and billed at the 95th percentile of usage, as described below. A non-recurring engineering charge applies to each Internet Access connection.

Billing at the 95th Percentile

Over the course of the billing period, ISP data usage, measured in Mbps, is recorded in 5-minute intervals. At the end of the month these bandwidth recordings are sorted highest to lowest and the highest 5% of the recorded samples are removed. The ISP is then billed at the value on the published rate table that falls at the 95th percentile of bandwidth used.





Note 5. Legacy Rates. Legacy rates apply to any broadband connection utilizing network equipment tied to JPUD’s Juniper core router. The District plans to eventually retire this network and doesn’t plan on adding any new connections.

Any ISP using the legacy network will continue to be billed at the then current rates in place prior to the adoption of these rates, until such time as connections are cancelled or moved to the new JPUD Network being constructed in 2023 that will provide both PON and Active services.