

**RESOLUTION NO. 1576**

**A Resolution of the Commissioners  
of Public Utility District No. 1 of Okanogan County  
Establishing Wholesale Wireless Rates on the District's Telecommunication System**

**WHEREAS**, the District has installed a fiber-optic and wireless telecommunications system to provide wholesale broadband services to Retail Providers; and

**WHEREAS**, the District has established rates for wholesale services charged to Retail Providers; and

**WHEREAS**, it is necessary to periodically review the rates to verify the services offered and charges for such services are fair and reasonable; and

**WHEREAS**, the District has determined it needs to offer rates for various configurations of services; and

**WHEREAS**, the District has determined it is prudent to clarify the service definitions; and

**WHEREAS**, the newly proposed rates will go into effect January 1, 2014. However, unless requested in writing by a Retail Service Provider, Okanogan PUD will not issue the 30-day notice to discontinue service for contracts on the current rates that have gone to a month-to-month basis until June 1, 2014, which would make the new rates effective July 1, 2014; and

**WHEREAS**, this Resolution supersedes previous rate resolutions and service definitions without affecting the terms of existing written contracts.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Commissioners of Public Utility District No. 1 of Okanogan County adopts the Wholesale Broadband Rate Schedule attached hereto as Exhibit A and the Service Definitions attached hereto as Exhibit B, to be effective January 1, 2014, without affecting the terms of existing written contracts, unless otherwise requested in writing by a Retail Service Provider.

**PASSED AND APPROVED** this 3<sup>rd</sup> day of December, 2013.



David A. Womack, President

ATTEST:

  
Steve Houston, Vice President  
Ernest J. Bolz, Secretary

APPROVED:

  
Michael D. Howe, Legal Counsel

**Resolution No. 1576 – Exhibit B**  
**Okanogan County PUD**  
**Service Definitions**

*Residential Fiber Services*

The type of property defined by the parcel definition or zoning as “Residential”, a single dwelling or multi dwelling land with a building structure for the sole purpose of providing living accommodations.

Residential Services would include Voice, Video, Data or Internet with limitation to the capacity of the services without the ability to retransmit or resell the services to any party outside the residential parcel being served. These services would be for the sole purpose of residents personnel use. Service levels or quality of services would be defined “Best Effort” and Customer Premise Equipment “CPE” devices would be defined as basic equipment with limited functionality. All services must be provided to the residential user through a “Retail Service Provider” with billing information related to the customer and location.

Limitations:

- No Resale, Re-transmit, or Transport beyond the residential property allowed
- Service response will be limited to 8:00am to 5:00pm Monday thru Friday (excluding Holidays)
- Customer interface shall be provisioned to allow untagged traffic only

*Small Business Fiber Services*

The type of property defined by the parcel definition or zoning as “Residential”, “Commercial” or “Industrial”, a structure or land with categories of Living Accommodations, Leisure, Retail, Office, Industrial or Government. Small Business Services would include Voice, Video, Data or Internet with limitation to the capacity of services without the ability to retransmit or resell the services to any party outside the parcel being served. Service levels or quality of services would be defined “Basic” and Customer Premise Equipment “CPE” devices would be defined as basic equipment with limited functionality. All services must be provided to Small Business address through a “Retail Service Provider” with billing information related to the customer and location.

Limitations:

- No Resale, Re-transmit, or Transport beyond the Small Business property allowed
- Customer interface shall be provisioned to allow untagged traffic only

*Commercial/Business Fiber Services*

The type of property defined by the parcel definition or zoning as “Commercial” or “Industrial”, a structure or land with categories of Leisure, Retail, Office, Industrial or Government. Commercial Services would include Voice, Video, Data or Internet with limitation to the capacity of services without the ability to retransmit or resell the services to any party outside the commercial parcel being served. Service delivery would be defined as “Basic”, “Redundant” or “Self-Healing” and subject to availability,

pricing and a Service Level Agreement "SLA". The Customer Premise Equipment "CPE" devices would be defined as commercial grade, installed based on the service delivery and service level requirements outlined by the "Provider". All services must be provided to the commercial address through a "Retail Service Provider" with billing information related to the customer and location.

Limitations:

- SLA – Defined by Provider : Basic, Redundant or Self-Healing
- No Resale, Re-transmit, or Transport beyond the Commercial property allowed
- Customer interface shall be provisioned to allow all frame types (untagged, tagged, Q-in-Q, etc.)

*Carrier/Provider Fiber Services*

A Carrier or Provider is defined as a business with the sole intent to provide telecommunications or communication services to a customer, business or to another carrier or provider. The type of services could be defined as "Residential", "Commercial," or the delivery of services to another Carrier or Provider. Service delivery within the Carrier's or Provider's network for the sole purpose to transport or preparation for service delivery to customers would be defined as "Carrier or Provider" grade services. Services delivered to another Carrier or Provider would be classified as "Carrier or Provider" grade services.

Services would be defined as "Basic", "Redundant" or "Self-Healing" and subject to availability, pricing and a Service Level Agreement "SLA". The Customer Premise Equipment "CPE" devices would be defined as commercial grade, installed based on the service delivery and service level requirements outlined by the "Provider". All services must have an end user billing information to be defined as "Residential" or "Commercial", otherwise would be classified as Carrier or Provider Services.

Limitations:

- SLA – Defined by Service Type : Basic, Redundant or Self-Healing
- Customer interface shall be provisioned to allow all frame types (untagged, tagged, Q-in-Q, etc.)

***Note: All services which are Re-transmitted, resold, or transported that is not a resident or commercial business which is billed or invoiced from the provider, will be defined as Carrier or Provider Services.***

Response to service related issues will be offered in order of service type with service priority offered in the following order:

Priority 1 – Hosted Services (Colocation & Hosted Routing)

Priority 2 - Carrier Grade services

Priority 3 – Business Grade Services

Priority 4 – Small Business Grade Services

Priority 5 – Residential Grade Services

Priority 6 – Wireless Services

## *Hosted Routing Services*

Hosted routing services are a value added service that allows Retail Service Providers to forego the responsibility of managing and maintaining their own routing infrastructure to rout customer traffic to an upstream Internet Bandwidth provider. This service is only available to Retail Service Providers whose entire customer base is served solely from the broadband infrastructure that is owned and operated by the Public Utility District No. 1 of Okanogan County. The services offered under the Hosted Routing package are as follows:

### **Package Description**

1 Network interface to support the transport of RSP traffic within the PUD's network infrastructure

1 Network interface to support connectivity to Upstream Internet Bandwidth

RSP traffic traversing the PUD's backbone network shall take advantage of any ring avoidance protocols in place on said backbone

DNS Administration

Installation & Maintenance of Hosted Routing Service

24 x 7 x 365 Troubleshooting & Maintenance

Ongoing Router Configuration Management (Config Modifications)

Routable IP address acquisition and management

On-Line access to the following graphed router stats:

- CPU utilization vs Time
- Memory Utilization vs. Time
- BW Utilization on Commercial Traffic Port vs. Time
- BW Utilization on Upstream Internet Bandwidth Port vs. Time

## *Waiver of Non-Reoccurring charges*

The District will waive the \$40 non-reoccurring charge for each District provided Legacy Wireless connection (Canopy System) that an RSP converts to a new Wifi Broadband (PUD Wifi) connection.

During the first semester of 2014, (January 1, 2014 thru June 30, 2014), The District will waive all non-reoccurring charges associated with the establishment of new WiFi services

## Resolution No. 1576 – Exhibit A

<b>Carrier Services</b>	<b>5Yr Term MRC</b>	<b>10Yr Term MRC</b>	<b>15Yr Term MRC</b>	<b>20Yr Term MRC</b>
Dark Fiber (per strand per mile, min 2 strands, min 20 miles)	\$80.00	\$70.00	\$60.00	\$50.00

<b>Wavelength Services</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>	<b>5Yr Term MRC</b>	<b>10Yr Term MRC</b>
10G Network Interface	\$2,750.00	\$2,475.00	\$2,200.00	\$1,530.00
10G wavelength Transport Fee (per mile)	\$30.00	\$27.00	\$24.00	\$17.00
2.5G Network Interface	\$1,375.00	\$1,237.50	\$1,100.00	\$756.00
2.5G Wavelength Transport Fee (per mile)	\$15.00	\$13.50	\$12.00	\$8.50
1.25G Network Interface	\$687.50	\$618.75	\$550.00	\$378.25
1.25G Wavelength Transport Fee (per mile)	\$7.50	\$6.75	\$6.00	\$4.25

<b>(*NRC=non-recurring charge)</b>	<b>NRC</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>	<b>5Yr Term MRC</b>
1000BaseX Fiber/Copper Interface	\$100.00	\$250.00	\$218.00	\$185.00
Ethernet Data Rate 10Mbps	\$100.00	\$45.00	\$39.00	\$33.00
Ethernet Data Rate 20Mbps	\$100.00	\$81.00	\$70.00	\$60.00
Ethernet Data Rate 50Mbps	\$100.00	\$169.00	\$147.00	\$125.00
Ethernet Data Rate 70Mbps	\$100.00	\$220.00	\$191.00	\$163.00
Ethernet Data Rate 100Mbps	\$100.00	\$288.00	\$251.00	\$213.00
Ethernet Data Rate 200Mbps	\$100.00	\$477.00	\$415.00	\$353.00
Ethernet Data Rate 300Mbps	\$100.00	\$629.00	\$547.00	\$465.00
Ethernet Data Rate 400Mbps	\$100.00	\$756.00	\$658.00	\$559.00
Ethernet Data Rate 500Mbps	\$100.00	\$866.00	\$753.00	\$641.00
Ethernet Data Rate 600Mbps	\$100.00	\$961.00	\$836.00	\$711.00
Ethernet Data Rate 700Mbps	\$100.00	\$1,044.00	\$908.00	\$773.00
Ethernet Data Rate 800Mbps	\$100.00	\$1,116.00	\$971.00	\$826.00
Ethernet Data Rate 900Mbps	\$100.00	\$1,180.00	\$1,027.00	\$873.00
Ethernet Data Rate 1000Mbps	\$100.00	\$1,236.00	\$1,075.00	\$915.00
Protected Ethernet Data Rate 10Mbps	\$100.00	\$67.50	\$58.50	\$49.50
Protected Ethernet Data Rate 20Mbps	\$100.00	\$121.50	\$105.00	\$90.00
Protected Ethernet Data Rate 50Mbps	\$100.00	\$253.50	\$220.50	\$187.50
Protected Ethernet Data Rate 70Mbps	\$100.00	\$330.00	\$286.50	\$244.50
Protected Ethernet Data Rate 100Mbps	\$100.00	\$432.00	\$376.50	\$319.50
Protected Ethernet Data Rate 200Mbps	\$100.00	\$715.50	\$622.50	\$529.50
Protected Ethernet Data Rate 300Mbps	\$100.00	\$943.50	\$820.50	\$697.50
Protected Ethernet Data Rate 400Mbps	\$100.00	\$1,134.00	\$987.00	\$838.50
Protected Ethernet Data Rate 500Mbps	\$100.00	\$1,299.00	\$1,129.50	\$961.50
Protected Ethernet Data Rate 600Mbps	\$100.00	\$1,441.50	\$1,254.00	\$1,066.50
Protected Ethernet Data Rate 700Mbps	\$100.00	\$1,566.00	\$1,362.00	\$1,159.50
Protected Ethernet Data Rate 800Mbps	\$100.00	\$1,674.00	\$1,456.50	\$1,239.00
Protected Ethernet Data Rate 900Mbps	\$100.00	\$1,770.00	\$1,540.50	\$1,309.50
Protected Ethernet Data Rate 1000Mbps	\$100.00	\$1,854.00	\$1,612.50	\$1,372.50
Carrier Interconnection	\$100.00	\$600.00	\$600.00	\$600.00

<b>Business Services</b>	<b>NRC</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>	<b>5Yr Term MRC</b>
1000BaseT Copper Interface	\$50.00	\$100.00	\$87.00	\$74.00
Ethernet Data Rate (Mgt Connection) 10Mbps	\$50.00	\$24.00	\$21.00	\$18.00
Ethernet Data Rate 100Mbps	\$50.00	\$155.00	\$135.00	\$115.00
Ethernet Data Rate 200Mbps	\$50.00	\$257.00	\$224.00	\$190.00
Ethernet Data Rate 300Mbps	\$50.00	\$339.00	\$295.00	\$251.00
Ethernet Data Rate 400Mbps	\$50.00	\$407.00	\$354.00	\$301.00
Ethernet Data Rate 500Mbps	\$50.00	\$466.00	\$405.00	\$345.00
Ethernet Data Rate 1000Mbps	\$50.00	\$666.00	\$579.00	\$493.00
Protected Ethernet Data Rate (Mgt only) 10Mbps	\$50.00	\$36.00	\$31.50	\$27.00
Protected Ethernet Data Rate 100Mbps	\$50.00	\$232.50	\$202.50	\$172.50
Protected Ethernet Data Rate 200Mbps	\$50.00	\$385.50	\$336.00	\$285.00
Protected Ethernet Data Rate 300Mbps	\$50.00	\$508.50	\$442.50	\$376.50
Protected Ethernet Data Rate 400Mbps	\$50.00	\$610.50	\$531.00	\$451.50
Protected Ethernet Data Rate 500Mbps	\$50.00	\$699.00	\$607.50	\$517.50
Protected Ethernet Data Rate 1000Mbps	\$50.00	\$999.00	\$868.50	\$739.50

<b>Small Business Services</b>	<b>NRC</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>	<b>5Yr Term MRC</b>
0100BaseT Connection (Full Port Capacity)	\$50.00	\$65.00	\$55.00	\$50.00

<b>Residential Services</b>	<b>NRC</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>
0100BaseT Connection (Full Port Capacity)	\$50.00	\$35.00	\$35.00

<b>Backbone Transport</b>	<b>NRC</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>	<b>5Yr Term MRC</b>
Local Loop Mileage Fee	\$50.00	\$10.00	\$10.00	\$10.00

<b>Wireless Services</b>	<b>NRC</b>	<b>MRC</b>
Legacy Wireless 1/2 Mbps	\$40.00	\$18.00
Legacy Wireless 1Mbps	\$40.00	\$26.00
Legacy Wireless 2 Mbps	\$40.00	\$34.00
Legacy Dish		\$2.00
Legacy Stinger		\$1.00
Broadband Wireless 3/1Mbps		\$10.00
Broadband Wireless 5/2Mbps		\$17.00
Broadband Wireless 7/3Mbps		\$24.00
Broadband Wireless 10/5Mbps		\$31.00
M2	\$40.00	\$3.00
M2 Bridge	\$40.00	\$3.00
M5	\$40.00	\$3.00
M5 Bridge	\$40.00	\$3.00

<b>Colocation Services</b>	<b>NRC</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>	<b>5Yr Term MRC</b>
Colocation Cabinet	\$100.00	\$500.00	\$435.00	\$370.00
Colocation 1/2 Cabinet	\$100.00	\$250.00	\$218.00	\$185.00
Colocation 1RU	\$100.00	\$58.00	\$50.00	\$43.00
Colocation AC Power (15Amp Circuit)	\$100.00	\$100.00	\$87.00	\$74.00
Colocation DC Power (15Amp Circuit)	\$100.00	\$140.00	\$122.00	\$104.00

<b>Hosted Services</b>	<b>NRC</b>	<b>1Yr Term MRC</b>	<b>3Yr Term MRC</b>	<b>5Yr Term MRC</b>
Hosted Routing	\$300.00	\$500.00		

<b>Technical Services and Support</b>	<b>NRC</b>
Engineering / Troubleshooting (rate per hour)	\$100.00

<b>Daily Fiber / Event Rate</b>	<b>DRC</b>
Designed for temporary use only 0100BaseT Connection, Full Port Capacity	\$20.00

NOTE: The Daily Event rate is available only at locations where Okanogan County PUD has broadband equipment already present.

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NRC – Non-Recurring Charge  
MRC – Monthly Recurring Charge  
DRC – Daily Recurring Charge