

CHANNEL FACILITIES

ITEM

Because the Commission has forborne, in Telecom Regulatory Policy CRTC 2009-19, with respect to the regulation of this service as set out in that decision, the Company may also provide the service in this tariff item at rates and on terms different from the tariffed rates and terms pursuant to an agreement entered into between the Company and a competitor that has been filed with the Commission for the public record.

5840 FIBRE TO THE PREMISES (FTTP) ACCESS SERVICE1. DEFINITIONS

For the purposes of this tariff item, the following definitions apply:

- A. "Asymmetric Digital Subscriber Line (ADSL) Data Access Service" (ADSL Access) refers to aggregated high-speed wholesale access service provided pursuant to Item 5820 - Asymmetric Digital Subscriber Line (ADSL) Data Access Service and provided over DSL technology excluding Fibre to the Node.
- B. "Central Office" is a designated building used historically to house switching equipment for main telephone, trunk lines and broadband equipment and also used by eligible CLECs, IXCs and DSLSPs for co-location, local interconnection, toll interconnection and broadband traffic hand-off.
- C. "Central Splitting Point" (CSP) is defined as the outside plant cabinet, deployed in every FTTP neighborhood, where distribution fibres are terminated and assigned on an on-demand basis to feeder fibres via the use of a passive fibre splitter.
- D. "Customer" is the eligible Internet Service Provider (ISP) that subscribes to GAS-FTTP. An eligible ISP is an ISP who has registered with the Canadian Radio-television and Telecommunications Commission (CRTC) as either a Digital Subscriber Line Service Provider (DSLSP) or a Competitive Local Exchange Carrier (CLEC) in the Exchange for which they are requesting FTTP Access.
- E. "Customer Cutover or Access Upgrade" encompasses the case where a Customer requires a larger bandwidth access at its Point of Presence (PoP) site to accommodate growth in End-user traffic. The Customer may also be relocating its PoP site access or transferring all of its existing End-users to a different access which does not necessarily require an upgrade in bandwidth.
- F. "Customer Name Change" is defined as when one Customer is requesting its billing or company name to be changed to a different billing or official company name.
- G. An "End-user" is defined as being a retail customer.
- H. "Fibre to the Premises" (FTTP) is a technology platform that consists of optical fibre from the Central Office to the End-user Premises.
- I. "Gigabit Passive Optical Network" (GPON) refers to FTTP Access speeds up to 1,500 Mbps.

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- J. "Incumbents" means Bragg Communications Incorporated, carrying on business as Eastlink, Cogeco Communications inc., Rogers Communications Canada Inc., Saskatchewan Telecommunications, Telus Communications Inc., and Vidéotron Ltd.
- K. "Mergers and Acquisitions" are defined as when one Customer is transferring a portion or all of its subscriber base to another Customer. This is also applicable when two different Customers are merging in order to become only one new company, or when a single company divides to become multiple companies.
- L. "Optical Network Terminal" (ONT) converts fibre-optic light signals to copper/electric signals at the End-user Premises used to provide FTTP service. The ONT may vary depending on the speed of the FTTP service provided.
- M. "Premises" is the continuous property and the building or buildings located thereon, or the part or parts of a building, occupied at the same time by an End-user.
- N. "Very High-Speed Digital Subscriber Line (VDSL) Data Access Service " (VDSL Access) refers to aggregated high-speed wholesale access service provided pursuant to Item 5830 - Very High-Speed Digital Subscriber Line (VDSL) Data Access Service.
- O. "10 Gigabit Symmetrical Passive Optical Network" (XGS-PON) refers to FTTP Access speeds of 1,501 Mbps or higher.

2. GENERAL

- A. FTTP Access Service allows the Customer to offer broadband services to End-users connected to the Company's network over FTTP by establishing a high-speed data access path between its End-users' Premises and a Company serving Central Office, and then to the Customer's Aggregated High Speed Service Provider Interface (AHSSPI). End-user login and password authentication are established via a "network selection gateway" which can enable access to multiple destination networks.
- 1) The Customer may subscribe to any combination of ADSL Access, VDSL Access and / or FTTP Access (collectively, Aggregated Broadband Services).

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- B. FTTP Access requires an Aggregated High Speed Service Provider Interface (AHSSPI) which provides for the aggregation of End-user traffic associated with a single Customer, from every suitably-enabled Central Office in the Company's operating territory. Customers who subscribe to one or more of Aggregated Broadband Services can share a common AHSSPI.
- 1) Customers with existing AHSSPIs for their ADSL Access service and/or their VDSL Access service may choose to keep their separate AHSSPIs for these services or subscribe to a new AHSSPI pursuant to this Item to aggregate all of their traffic for Aggregated Broadband Services.
- C. FTTP Access Service includes the FTTP Access and Capacity Charges, in addition to the AHSSPI in C. above. Capacity Charges are provided in increments of 100 Mbps. Rates and service charges for Capacity Charges are set out in Item 5830.6 and apply on a per AHSSPI basis and cannot be shared over more than one AHSSPI.
- 1) The service includes logical paths to provide network connectivity between FTTP Access arrangements and an AHSSPI by aggregating traffic associated with each FTTP Access served from groups of Central Offices to a Broadband Access Server (BAS) and subsequently aggregating such traffic from all Company-provided BAS to the AHSSPI.
- D. Connectivity between the AHSSPI point of demarcation located in a Company Central Office and the Customer's PoP can be established via appropriate Company or third-party provided facilities or via Central Office links that terminate on the Customer's co-located transmission equipment.
- E. FTTP Access supports Point to Point Protocol over Ethernet (PPPoE) across the Company's backbone network.
- F. FTTP Access provides for a single domain name. Additional domain names are available upon request in accordance with the rates, terms and conditions below.

3. TERMS AND CONDITIONS

- A. The Company determines those serving Central Offices which will support FTTP Access, the available FTTP access speeds in each Central Office, and the available speeds for the AHSSPI connectivity.
- B. The End-user's fibre loop facility must qualify for FTTP Access.
- C. FTTP Access consists of the ONT at the End-user Premises and the fibre facility connecting the End-user Premises to the serving Central Office. One FTTP Access is required for each End-user. The ONT is the demarcation at the End-user Premises.

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- D. FTTP Access is provided on a month-to-month basis. The Customer is billed one (1) month in advance and is charged based on the number of End-users per speed tier.
- E. FTTP Access will only be provisioned over a Company-provided fibre loop. Until 12 August 2029, FTTP Access is only available on Company-provided fibre loops at premises where the Company began offering retail Internet services over FTTP for the first time on or before 12 August 2024.
- F. When transferring and/or acquiring existing Domain names, the transfer of End-users associated with these Domain names is required. The Customer is responsible for the transfer of the End-users to the Customer's profile.
- G. As a condition of service under this Item, and in accordance with paragraphs 50, 66 and 104 of Telecom Regulatory Policy CRTC 2009-657, *Review of the Internet traffic management practices of Internet service providers* (TRP 2009-657), Customers employing Internet Traffic Management Practices (ITMPs) shall:
- 1) whether or not they are Canadian carriers, abide by the requirements of subsection 27(2) of the Telecommunications Act with regard to any ITMPs they employ;
 - 2) abide by the disclosure requirements described in TRP 2009-657; and
 - 3) not use for other purposes personal information collected for the purposes of traffic management or disclose such information.
- H. The Customer is responsible for the installation, operation and maintenance of any equipment, apparatus or devices that the Customer or End-user provides and which is attached or connected to or used with the Company's facilities and/or equipment. When, as a result of a service issue raised by the Customer to the Company and at the request of the Customer to test the services provided by the Company, the Company completes testing activities and finds that there is no fault in the Company's facilities; or when a Company technician is dispatched to an End-user's premises and no trouble is found in the Company's facilities and/or equipment but such trouble continues to be present when the Customer-provided equipment is reconnected to the Company's facilities and/or equipment, a diagnostic maintenance charge applies, as shown below. If however, within a two-week period, testing activities identify fault with the Company's facilities; or if the trouble is no longer present upon reconnection of the Customer-provided equipment, no charge will apply.

	<u>One-time Charge</u>
(1) Diagnostic Maintenance Charge, per access, per diagnostic request (Note)	\$108.59
(2) Each additional 15 minute increment or part thereof, same diagnostic request, same visit	\$ 32.88

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- I. The Company reserves the right to modify, in whole or in part, the design, function, operation, technology or layout of its network, facilities, equipment or other components as the Company, in its sole discretion, considers necessary.
- 1) The Company shall not be responsible for the facilities, equipment or other components, in whole or in part, which cease to be compatible with the Company's facilities or which become inoperative because of such modifications to the Company's network, facilities, equipment, or other components.
- J. The Company may terminate the FTTP Access service to an individual End-user if that End-user prevents fair use of the service, uses the service in contravention of the law, or, in the reasonable assessment of the Company, threatens the Company's network. In cases of such disconnection, the Company will promptly notify the Customer. The Company will provide the Customer and the End-user the opportunity to correct the condition that gave rise to the disconnection.
- K. The Customer shall not use in its marketing and promotional materials, on its website, or in training and support materials provided to its customer service representatives, the trade names, trademarks, logos, or branding of the Company without the Company's express consent.
- L. Customers who are Incumbents are not permitted to use FTTP Access service to sell retail services to end-users within their own traditional wireline serving territory. This limitation also applies to the affiliates of Incumbents where the retail service is being provided in the traditional wireline serving territory of the affiliated Incumbent.

4. RATES AND CHARGES

- A. For charges for Multiple Domain Names, see 5820.6.A.
- B. For charges for Administration Fees, see 5820.6.A.
- C. For AHSSPI Charges see 5830.6. Only Internet Protocol (IP) AHSSPIs will be provided for all new installations and upgrades of AHSSPIs.
- D. For FTTP Accesses, the following rates and charges apply:
- 1) FTTP Access - Speed Bands - Residence and Business

FTTP Access - Speed Bands
Residence and Business

Band 1 - GPON (3 - 99 Mbps)
Band 2 - GPON (100 - 499 Mbps)
Band 3 - GPON (500 - 749 Mbps)
Band 4 - GPON (750 - 1,000 Mbps)
Band 5 - GPON (1,001 - 1,500 Mbps)
Band 6 - XGS-PON (1,501 - 5,000 Mbps)

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4. RATES AND CHARGES - continued

D. For FTTP Accesses, the following rates and charges apply - continued

2) FTTP Access - Available Speed Tiers

a. The following speed tiers are available for business FTTP accesses, where suitable facilities exist

<u>FTTP Access - Business, each</u>	<u>Monthly Rate</u>	<u>Service Charge</u> (Note 1)
FTTP 20 (20 Mbps) Up to 20 Mbps downstream and 3 Mbps upstream	\$ 68.94	\$ 244.13
FTTP 30 (30 Mbps) Up to 30 Mbps downstream and 3 Mbps upstream	\$ 68.94	\$ 244.13
FTTP 50 (50 Mbps) Up to 50 Mbps downstream and 5 Mbps upstream	\$ 68.94	\$ 244.13
FTTP 300 (300 Mbps) Up to 300 Mbps downstream and upstream	\$ 68.94	\$ 244.13
FTTP 600 (600 Mbps) Up to 600 Mbps downstream and upstream	\$ 68.94	\$ 244.13
FTTP Gigabit (1 Gbps) Up to 940 Mbps downstream and upstream	\$ 68.94	\$ 244.13

Note 1: The service charge applies on each FTTP Access initial installation (which includes a change from ADSL Access or VDSL Access to FTTP Access), move, or change from GPON to XGS-PON that requires a Company technician to make a change at the End-user Premises. For speed changes that do not require a site visit by a Company technician, see 4.F.

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4. RATES AND CHARGES - continued

D. For FTTP Accesses, the following rates and charges apply - continued

2) FTTP Access - Available Speed Tiers

b. The following speed tiers are available for residence FTTP GPON accesses, where suitable facilities exist

FTTP Access - Residence GPON, each	Monthly Rate	Service Charge (Note 1)
FTTP 10 (10 Mbps) Up to 10 Mbps downstream and upstream	\$ 68.94	\$ 244.13
FTTP 25 (25 Mbps) Up to 25 Mbps downstream and upstream	\$ 68.94	\$ 244.13
FTTP 50 (50 Mbps) Up to 50 Mbps downstream and 50 Mbps upstream	\$ 68.94	\$ 244.13
FTTP 75 (75 Mbps) Up to 75 Mbps downstream and upstream	\$ 68.94	\$ 244.13
FTTP 100 (100 Mbps) Up to 100 Mbps downstream and 10 Mbps upstream ...	\$ 68.94	\$ 244.13
FTTP 500 (500 Mbps) Up to 500 Mbps downstream and upstream	\$ 68.94	\$ 244.13
FTTP Gigabit (1 Gbps) Up to 940 Mbps downstream and upstream	\$ 68.94	\$ 244.13
FTTP 1.5 Gigabit (1.5 Gbps) (Note 2) Up to 1.5 Gbps downstream and 940 Mbps upstream ..	\$ 78.03	\$ 244.13

Note 1: The service charge applies on each FTTP Access initial installation (which includes a change from ADSL Access or VDSL Access to FTTP Access), move, or change from GPON to XGS-PON that requires a Company technician to make a change at the End-user Premises. For speed changes that do not require a site visit by a Company technician, see 4.F.

Note 2: Where the End-user also subscribes to wireline services from the Company, the maximum downstream speed achievable may only be 940 Mbps.

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4. RATES AND CHARGES - continued

D. For FTTP Accesses, the following rates and charges apply - continued

2) FTTP Access - Available Speed Tiers

c. The following speed tiers are available for residence FTTP XGS-PON accesses, where suitable facilities exist

<u>FTTP Access - Residence, XGS-PON each</u>	<u>Monthly Rate</u>	<u>Service Charge (Note 1)</u>
FTTP 3 Gigabit (3 Gbps) Up to 3 Gbps downstream and upstream	\$ 78.03	\$ 244.13

Note 1: The service charge applies on each FTTP Access initial installation (which includes a change from ADSL Access or VDSL Access to FTTP Access), move, or change from GPON to XGS-PON that requires a Company technician to make a change at the End-user Premises. For speed changes that do not require a site visit by a Company technician, see 4.F.

E. Capacity Charges – Residence and Business

1) Capacity Charges apply in addition to the monthly access rates and service charges in D. For monthly rates and service charges related to Capacity Charges, see Item 5830.6.

F. Speed Change Charge - No Premises Visit

1) A speed change charge of \$10.60 applies to requests for a change in speed for a GAS-FTTP Access that does not require a site visit by a Company technician (e.g., no change to the ONT is required).

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- A. To assist the Company in the capacity planning and deployment of its network, the Customer must provide to the Company, at least sixty (60) days prior to the beginning of an annual calendar period, a nonbinding forecast of the Customer's expected number of End-users, by AHSSPI for the then forthcoming twelve (12) month period. The first set of forecasts must be provided by the Customer at least sixty (60) days prior to the installation of the first FTTP Access for the Customer.
- B. Whenever the Customer expects to substantially increase the number of End-users in any calendar quarter, the Customer shall provide the Company a revised forecast for that quarter at least thirty (30) days before the expected increase in number of End-users.

6. SPECIAL CONSTRUCTION

- A. Installation of a drop wire where none is present is included in the standard FTTP Access service, unless such installation represents an unusual expense. In the event that the installation of the drop wire represents an unusual expense, or the Customer requests a second drop wire, the Company will give the Customer the option of paying an additional construction charge as set out in below to have the drop wire installed, or of cancelling the request.
- B. When it is necessary for the Company to install special equipment or to incur unusual expense in order to meet a Customer's requirements, an additional charge may be assessed based upon the equipment installed or the expense incurred, as specified in CRTC 24001 Item CRTC 24001 Item 510.2.B.(4).