



1120 South Tryon St.  
Suite 700  
Charlotte, NC 28203  
brightspeed.com

November 6, 2024

**VIA E-FILE**

Morris Woodruff  
Secretary of the Commission  
Missouri Public Service Commission  
200 Madison Street, PO Box 360  
Jefferson City, MO 65102-0360

Dear Secretary:

Attached for electronic filing are revisions to the Brightspeed of East Missouri, LLC Access Service Tariff, P.S.C. MO. No. 2. These revisions are filed, in accordance with Missouri Public Service Commission Rules and Regulations and electronically submitted with a November 6, 2024 issue date and a proposed effective date of December 9, 2024.

The list of tariff sheets reflecting the proposed revisions are as follows:

<u>Section</u>	<u>Sheet</u>	<u>Section</u>	<u>Sheet</u>
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4	2nd Revised Sheet 104.15	5	2nd Revised Sheet 201
4	2nd Revised Sheet 104.20	17	1st Revised Sheet 335
4	2nd Revised Sheet 104.21	17	5th Revised Sheet 336

In this filing, Brightspeed of East Missouri, LLC is revising language for Shared Use Facilities, which includes grandfathering DS3 Entrance Facilities.

Should you have questions or need additional information regarding this filing, please contact me.

Sincerely,

Chantel Miller  
Director-Government Operations

Attachments

Pc: Office of Public Counsel (e-mail)

MO2024-03

**Chantel Miller**  
Director-Government Operations  
[chantel.miller@Brightspeed.com](mailto:chantel.miller@Brightspeed.com)  
Tel: (704) 314-2353

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## FACILITIES FOR INTRASTATE ACCESS

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4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(A) General (Cont'd)

(4) The number of Switched Transport transmission paths provided between an end office switch and the first point of switching are determined by the Telephone Company using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the first point of switching and the CDL is determined:

(a) by the customer, when ordering FGA or BSA-A, based on the number of lines ordered, or;

(b) by the Telephone Company, when the customer orders FGB, FGC, FGD, BSA-B, BSA-C, BSA-D or SAC Access Service. If ordered in trunks, the customer may determine the number of trunks. If ordered in BHMC, the Telephone Company will determine the number of trunks, using standard traffic engineering methods.

(B) Entrance Facility

The Entrance Facility provides the transmission path and interface between the Telephone Company provided Switched Access and customer provided facilities at the point of termination at the CDL.

Switched Access is provided in a number of separate Entrance Facilities. Each Entrance Facility provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Each High Capacity Analog or Digital Interface Arrangement, as listed following, is subject to the minimum capacity requirements when ordered as in 3.5.5. Provision of the Entrance Facility for two-wire and four-wire voice frequency Entrance Facility and any Optional Arrangements may require placement of Telephone Company equipment [e.g., supervisory signaling equipment as described in 4.2.3(G)(4)] on the customer's premises.

Where transmission facilities permit, the individual transmission paths between the point of termination and the first point of switching may, at the option of the customer, be provided with Optional Arrangements as in (C).

The following Standard Entrance Facilities are available:

- Two-Wire VF
- Four-Wire VF
- Group Analog
- Supergroup Analog
- Mastergroup Analog
- DS1 Digital
- DS1C Digital
- DS3 Digital [GRANDFATHERED]
- DS3C Digital [GRANDFATHERED]

(C)  
(C)

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Chantel Miller  
Director - Regulatory Operations  
Charlotte, North Carolina

**FACILITIES FOR INTRASTATE ACCESS**

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd)

(8) DS2 Digital Entrance Facility

The Telephone Company currently does not offer the DS2 Entrance Facility.

(9) DS3 Digital Entrance Facility \*

(C)

- (a) The DS3 Digital Entrance Facility provides a DS3 level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility is capable of transmitting electrical signals at 44.736 Mbps, with the capability to multiplex up to 672 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

\*Grandfathered effective December 9, 2024

(N)

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FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.2 Description of Switched Access (Cont'd)

4.2.3 Description of Switched Transport (Cont'd)

(B) Entrance Facility (Cont'd)

(9) DS3 Digital Entrance Facility \* (Cont'd) (C)

- (b) The Entrance Facility is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.

(10) DS3C Digital Entrance Facility \* (C)

- (a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CDL subject to the limitations in 3.5. The Entrance Facility capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1344 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations is provided, the Telephone Company may, at its option, provide multiplex equipment to derive up to 1344 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The Entrance Facility is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Telephone Company reserves the right to choose this equipment.
- (d) As of December 30, 1993, the DS3C Entrance Facility is available to existing customers only.

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Director - Regulatory Operations  
Charlotte, North Carolina

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.4 (Reserved for Future Use)

4.5.5 Application of Rates for FGA and BSA-A Extension Service

FGA or BSA-A is available with extensions (i.e., additional terminations of the service at different buildings in the same LATA). FGA or BSA-A extensions are provided and charged for as Special Access. The rate elements which apply are Special Transport (from the extension bridging point to the wire center serving the CDL), and Special Access Lines. All appropriate monthly rates and nonrecurring charges are in 5.7.

4.5.6 (Reserved for Future Use)

4.5.7 (Reserved for Future Use)

4.5.8 (Reserved for Future Use)

4.5.9 Shared Use Analog and Digital High Capacity Services

**Shared use occurs when Special Access Service and Switched Access Service are provided over the same Special Access facility through a common interface. The Special Access monthly rate for the Channel Termination, Channel Mileage, if applicable, and multiplexer will apply, regardless of whether any individual channels of the Shared Special Access facility are used for Special Access Service, Switched Access Service, or any other type of service. The practice known as “ratcheting” (to apply non-Special Access rates on a proportional basis) shall not apply in any circumstance.**

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**FACILITIES FOR INTRASTATE ACCESS**4. SWITCHED ACCESS (Cont'd)4.6 Rates and Charges (Cont'd)4.6.2 Switched Transport (Cont'd)

	<u>Monthly Rate</u>	<u>Service Installation Charge</u>	
<b>(H)</b> <u>Direct-Trunked Transport</u>			
<u>Voice Grade</u>			
Facility – Per Mile	\$1.25		
Termination – Per Termination	7.99		
<u>DS1</u>			
Facility – Per Mile	\$7.15		
Termination – Per Termination	4.66		
<u>DS3</u>			
Facility – Per Airline Mile	\$49.15		
Termination – Per Termination	185.80		
<b>(I)</b> <u>Network Blocking Charge *</u>	<u>Per Blocked Call</u>		
FGD Only	\$0.009		
<b>(J)</b> <u>Entrance Facility-Voice Grade</u>			
Per Entrance Facility			
2-Wire Voice Grade	\$18.30	\$174.80	
4-Wire Voice Grade	\$27.70	\$174.80	
<b>(K)</b> <u>Entrance Facility-DS1</u>			
Per Entrance Facility	\$68.05	\$237.15	
<b>(L)</b> <u>Entrance Facility-DS3**</u>			<b>(C)</b>
Per Entrance Facility	\$782.60	\$518.25	
<b>(M)</b> <u>Multiplexing</u>			
DS1 to Voice	\$72.00	N/A	
DS3 to DS1	\$168.05	N/A	

\* This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

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**(N)**

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Director - Regulatory Operations  
Charlotte, North Carolina



**FACILITIES FOR INTRASTATE ACCESS**

5 SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.6 Hub Wire Centers (Cont'd)

At the request of the customer, the full-time and/or part-time services provided to a Hub Wire Center may be connected together in the following configurations: full-time to full-time, full-time to part-time, or part-time to part-time.

The rates that apply for Program Audio Services between each CDL and the Hub Wire Center are Special Transport, if applicable, and Special Access Line. In addition, rates for Supplemental Features may be applicable.

5.6.7 Shared Use Analog and Digital High Capacity Services

**Shared use occurs when Special Access Service and Switched Access Service are provided over the same Special Access facility through a common interface. The Special Access monthly rate for the Channel Termination, Channel Mileage, if applicable, and multiplexer will apply, regardless of whether any individual channels of the Shared Special Access facility are used for Special Access Service, Switched Access Service, or any other type of service. The practice known as "ratcheting" (to apply non-Special Access rates on a proportional basis) shall not apply in any circumstance.**

5.6.8 (Reserved For Future Use)

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Charlotte, North Carolina

**FACILITIES FOR INTRASTATE ACCESS**

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17. VoIP-PSTN Rates and Charges

17.1 Switched Access Service

17.1.1 Nonrecurring Charges

Rate

(A) Local Transport Installation

Per Entrance Facility

-	Voice Grade Two-Wire	\$174.80
-	Voice Grade Four-Wire	\$174.80
-	High Capacity DS1	\$237.15
-	High Capacity DS3**	\$518.25

(C)

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Director - Regulatory Operations  
Charlotte, North Carolina

**FACILITIES FOR INTRASTATE ACCESS**

17. VoIP-PSTN Rates and Charges (Cont'd)

17.1 Switched Access Service (Cont'd)

17.1.2 Local Transport

	<u>Monthly Rate</u>
(A) <u>Entrance Facility</u>	
Per Termination	
- Voice Grade Two Wire	\$18.30
- Voice Grade Four Wire	\$27.70
- High Capacity DS1	\$68.05
- High Capacity DS3**	\$782.60
(B) <u>Direct Trunked Transport</u>	
<u>Direct Trunked Facility</u>	
Per Mile	
- Voice Grade	\$ 1.25
- High Capacity DS1	\$7.15
- High Capacity DS3	\$49.15
<u>Direct Trunked Termination</u>	
Per Termination	
- Voice Grade	\$7.99
- High Capacity DS1	\$4.66
- High Capacity DS3	\$185.80
(C) <u>Multiplexing</u>	
Per Arrangement	
- DS3 to DS1	\$168.05
- DS1 to Voice	\$72.00
(D) <u>Tandem Switched Transport</u>	
	<u>Rate</u>
- <u>Tandem Switched Facility</u>	
Per Access Minute Per Mile	
Originating <b>Non-Toll Free</b>	\$0.000064
Terminating 3 <sup>rd</sup> Party	\$0.000064
Terminating End Office	\$0.000000
- <u>Tandem Switched Termination</u>	
Per Access Minute	
Per Termination	
Originating <b>Non-Toll Free</b>	\$0.000128
Terminating 3 <sup>rd</sup> Party	\$0.000128
Terminating End Office	\$0.000000

(C)

\* Effective July 1, 2021, pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free Originating Transport services were established. The Toll Free rate element for Originating Transport service is displayed as 8YYJoint Tandem Switched Transport.

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Chantel Miller  
 Director - Regulatory Operations  
 Charlotte, North Carolina