

May20, 2021

Missouri Public Service Commission
Governor Office Building
200 Madison
P.O. Box 360
Jefferson City, MO 65102-0360

Dear Secretary:

Tracking No.: JI-2021-0199

Attached for electronic filing are revisions to the Embarq Missouri, Inc. d/b/a CenturyLink, Access Service Tariff, P.S.C. MO.-No. 26. These revisions are filed, in accordance with Missouri Public Service Commission Rules and Regulations and electronically submitted with a May 14, 2021 issue date and a proposed effective date of July 1, 2021.

This filing proposes the first step in implementing the 8YY Access Service reductions mandated in the Federal Communications Commission's October 9, 2020 Report and Order in WC Docket No. 18-156, (FCC 20-143), (8YY Access Charge Reform). The following pages were submitted with the wrong revised page number:

Fourth Revised Page 86
Third Revised Page 87
Seventeenth Revised Page 107
Fifth Revised Page 157
Fourth Revised Page 263.12
Second Revised Page 263.13
Eleventh Revised Page 267
Fourteenth Revised Page 268
Fourth Revised Page 694
Fifth Revised Page 696

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

Sincerely,



Christina Chushuk
Manager – Government Operations

Attachments

Pc: Office of Public Counsel (e-mail)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Milliwatt (102 Type) Test Line

The term "Milliwatt (102 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office.

Minutes of Use

See Access Minutes

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating reorder or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

Network Data Report

Interexchange customers (ICs) providing TFC service jointly with the Telephone Company must provide to the Telephone Company a TFC Network Data Report. This report shall reflect all TFC telephone numbers that may originate and terminate in the same state within Telephone Company territory. Each TFC telephone number provided in the TFC Network Data Report will reflect a ten digits POTS telephone number (for calls completing on joint provided WATS Access Line Service) to which the TFC Access Service traffic will complete. This report shall also reflect any time or day sensitive routing information which the Telephone company requires to accurately bill and an indicator of the type of termination that will be used in the completion of the TFC call, i.e., common line, WATS Access Line, or other. The IC is required to provide this report before initial TFC Access Service is established. The IC is required to provide an updated TFC Network Data Report on a weekly basis unless the Telephone Company and the IC agree that the ICs TFC service activity requires provision of the report on either a more frequent or less frequent basis.

Non-Jointly Provided WATS Service

At the option of the interexchange customer (IC) providing interLATA service to the end user, the IC may choose to not jointly provide WATS Service with the Telephone Company. If the WATS Service is not jointly provided, the Telephone Company will bill long distance message rates for intraLATA calls originated on interLATA-only WATS Access Lines.

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(M) – Material moved from Page 87.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

(M)

Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

Non-Toll Free

All calls that are not toll free (8YY) as established by the FCC's 8YY Access Charge Reform Order (FCC 20-143) released on October 9, 2020.

(N)

(N)

North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.

Off-hook

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

Optical Carrier Level (n) (OC n)

The term "Optical Carrier Level (n)" denotes the physical line connection (aka facility) between two locations that uses optical signaling equipment for transmitting information over fiber optics. A level of bit rate speed transmission is indicated by "n". OC1 optical transmissions are at 51.84 Mbps; OC3 at 155.52 Mbps; OC12 at 622.08 Mbps; and OC48 at 2488.32 Mbps.

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(F) (Cont'd)

(5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.

(G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.

3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

	Rate Per Access Minute	
- Terminating	\$0.000000	
- Originating – Toll Free	\$0.000000 (R)	(C)
- Originating – Non Toll Free	\$0.029494	(C)

The rate for intraLATA Carrier Common Line Access is:

	Rate Per Access Minute	
- Terminating	\$0.000000	
- Originating– Toll Free	\$0.000000 (R)	(C)
- Originating – Non Toll Free	\$0.029494	(C)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(3) Tandem-Switched Transport

Tandem-Switched Transport provides the communication path between the access tandem and an end office that subtends that tandem, and includes tandem switching functions. Tandem-Switched Transport is available for use with all trunk side Switched Access services. Tandem-Switched Transport is not available for use with line side Switched Access services. For examples of Tandem Switched Transport see Section 2.4.8 preceding.

Effective July 1, 2021, as established in the 8YY Access Charge Reform (FCC 20-143), existing tandem switching charges and transport charges for originating 8YY traffic are eliminated and a single joint tandem switched access service rate element for 8YY originating access service is established. The 8YY originating Joint Tandem Switched Transport rate is provided at the rates set forth in 6.8.2(C)(4).

(N)
|
(N)

Tandem-Switched Transport provides for the transmission facilities between the access tandem and an end office that subtends the tandem. Tandem-Switched Transport is composed of four subelements:

- (a) Tandem-Switched Transmission, which provides for the transmission facilities from the Telephone Company's access tandem switch to an end office subtending that tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to derive the channels on the transmission medium, and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Tandem-Switched Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on wholly-owned circuits. When the Tandem-Switched Transport Facility is zero (i.e., collocated serving wire centers), neither the Tandem-Switched Transport Facility (per mile) rate nor the Tandem-Switched Transport Termination (fixed) rate will apply.

- (b) Tandem Switching, which provides for use of the Telephone Company's access tandem.

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Switched Transport

	<u>Rate Per Access Minute</u>			(T)
	<u>Originating Non-Toll Free</u> *	<u>Terminating 3rd Party</u>	<u>Terminating End Office</u>	
(C) <u>Tandem-Switched Transport</u>				
(1) Tandem-Switched Transmission				
(a) Termination (Fixed)				
Zone 1	\$0.000218	\$0.000218	\$0.000000	
Zone 2	\$0.000235	\$0.000235	\$0.000000	
Zone 3	\$0.000245	\$0.000245	\$0.000000	
Zone 4	\$0.000278	\$0.000278	\$0.000000	
(b) Facility (Per Mile)				
Zone 1	\$0.000020	\$0.000020	\$0.000000	
Zone 2	\$0.000021	\$0.000021	\$0.000000	
Zone 3	\$0.000023	\$0.000023	\$0.000000	
Zone 4	\$0.000025	\$0.000025	\$0.000000	
(2) Tandem Switching				
Zone 1	\$0.000331	\$0.000331	\$0.000000	
Zone 2	\$0.000362	\$0.000362	\$0.000000	
Zone 3	\$0.000381	\$0.000381	\$0.000000	
Zone 4	\$0.000425	\$0.000425	\$0.000000	
(3) Common Transport Multiplexing				
Zone 1	\$0.000218	\$0.000218	\$0.000000	
Zone 2	\$0.000235	\$0.000235	\$0.000000	
Zone 3	\$0.000254	\$0.000254	\$0.000000	
Zone 4	\$0.000277	\$0.000277	\$0.000000	
(4) 8YY Joint Tandem Switched Transport				(N)
	<u>Originating Toll Free</u> *			
All Zones	\$0.001			(N)

* 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 originating rate element for transport services is displayed as 8YY Joint Tandem Switched Transport. (N)
(N)
(N)

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Switched Transport

(C) Tandem-Switched Transport (Cont'd)

Monthly Rate

(5) Dedicated Trunk Port

(a) Per DS0 \$3.66

(b) Per DS1 \$93.40

(6) Dedicated Multiplexing – DS3 to DS1

Zone 1 \$237.50

Zone 2 259.00

Zone 3 280.00

Zone 4 297.00

(D) Residual Interconnection Charge

Per Access Minute

Originating – **Non-Toll Free** * \$0.014057

Terminating \$0.000000

(T)

* **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 originating combined rate element for transport services is displayed as 8YY Joint Tandem Switched Transport, preceding.**

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Switched Transport (Cont'd)

(F) Network Blocking Charge

- Per Call*

Rate Per Call Blocked
GAR

(G) Installation (Note 2)

- Per Line

Nonrecurring
Charge

\$20.00

- Per Trunk

\$20.00

6.8.3 Local Switching

Rate Per Access Minute
Originating Toll-Free Originating Non-Toll Free Terminating

(C)

(A) LS1 and LS2

\$0. 003983 (R) \$0. 023617 \$0.000000

(B) End Office to Tandem Rearrangement Charge (Note 2)

A nonrecurring charge as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1(C)(3) preceding.

Per 24 Channels Converted
or Fraction Thereof

Nonrecurring
Charge

\$23.45

(C) Dedicated Trunk Port (Note 1)

Monthly Rate

(a) Per DS0

\$ 1.83

(b) Per DS1

\$46.70

Note 1: The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. 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. The Originating portion of the DS0 charge is \$1.83 and the Originating portion of the DS1 charge is \$46.70.

Note 2: 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.

* Applies to FGD.

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.3 Local Switching (Cont'd)

(D) Carrier Selection Parameter Charge (Note 1)

A nonrecurring charge will apply when a customer requests the Carrier Selection Parameter optional feature described in 6.3(GG) preceding. This charge does not apply if the feature is installed coincident with the initial installation of a service.

Nonrecurring Charge Per End Office Equipped \$7.80

	<u>Rate Per Access Minute</u>			
	<u>Originating</u>	<u>Originating</u>	<u>Terminating</u>	
	<u>Toll-Free</u>	<u>Non-Toll Free</u>		(C)

(E) Common/Shared Trunk Port	\$0.000498	\$0.000498	\$0.000000	
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6.8.4 TFC Access Service

(A) TFC Access Service Data Base Query

Rate

- per query **\$0.004248** (R)

(B) TFC Data Base Optional Service Features*

- per query **\$0.000000** (R)

6.8.5 900 Access Service

Nonrecurring
Charge

Assembly of Router Pattern

- Per end office switch (including end office Collocated with access tandem) \$32.80

900 NXX Code Activation or Deactivation

- Per NXX Code added or deleted per end office \$10.90

6.8.6 Reserved For Future Use

Note 1: 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.

* When a combination of one or more TFC Data Base Optional Service Features is used, only one charge will apply.

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

22.1 Switched Transport (Cont'd)

(C) Tandem-Switched Transport

	<u>Rate Per Access Minute</u>			(T)
	<u>Originating Non-Toll Free *</u>	<u>Terminating 3rd Party</u>	<u>Terminating End Office</u>	
(1) Tandem-Switched Transmission Termination, per Access Minute				
Zone 1	\$0.000218	\$0.000218	\$0.000000	
Zone 2	\$0.000235	\$0.000235	\$0.000000	
Zone 3	\$0.000245	\$0.000245	\$0.000000	
Zone 4	\$0.000278	\$0.000278	\$0.000000	
Facility, per Access Minute per mile				
Zone 1	\$0.000020	\$0.000020	\$0.000000	
Zone 2	\$0.000021	\$0.000021	\$0.000000	
Zone 3	\$0.000023	\$0.000023	\$0.000000	
Zone 4	\$0.000025	\$0.000025	\$0.000000	
(2) Tandem Switching, per Access Minute				
Zone 1	\$0.000331	\$0.000331	\$0.000000	
Zone 2	\$0.000362	\$0.000362	\$0.000000	
Zone 3	\$0.000381	\$0.000381	\$0.000000	
Zone 4	\$0.000425	\$0.000425	\$0.000000	
(3) Common Transport Multiplexing, per Access Minute				
Zone 1	\$0.000218	\$0.000218	\$0.000000	
Zone 2	\$0.000235	\$0.000235	\$0.000000	
Zone 3	\$0.000254	\$0.000254	\$0.000000	
Zone 4	\$0.000277	\$0.000277	\$0.000000	
(4) 8YY Joint Tandem Switched Transport				(N)
		<u>Originating Toll Free *</u>		
All Zones	\$0.001			(N)

* 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 originating combined rate element for transport services is displayed as 8YY Joint Tandem Switched Transport. (N)
(N)
(N)

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

22.2 End Office

(A) Local Switching

		<u>Rate Per Access Minute</u>		<u>Terminating</u>
		<u>Originating</u>	<u>Originating</u>	
		<u>Toll-Free</u>	<u>Non-Toll Free</u>	
(1)	LS1 and LS2	\$0.003983	\$0.023617 (Z)	\$0.000000
(1)	Common/Shared Trunk Port	\$0.000498	\$0.000498	\$0.000000

(C)

(B) End Office to Tandem Rearrangement Charge (Note 2)

A nonrecurring charge as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1(C)(3) preceding.

	<u>Nonrecurring Charge</u>
Per 24 Channels Converted or Fraction Thereof	\$23.45

(C) Dedicated Trunk Port (Note 1)

	<u>Monthly Rate</u>
(a) Per DS0	\$ 1.83
(b) Per DS1	\$46.70

Note 1: The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. 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. The Originating portion of the DS0 charge is \$1.83 and the Originating portion of the DS1 charge is \$46.70.

Note 2: 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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