

VIA ELECTRONIC FILING

May 27, 2021

Mr. Dale Hardy Roberts, Chief Judge
Missouri Public Service Commission
200 Madison Street, Suite 100
Jefferson City, MO 65102-0360Re: ***XO Communications Services, LLC Missouri Tariff No. 9 Revisions***

Dear Mr. Roberts:

Please find for filing XO Communications Services, LLC ("XO"). Missouri Tariff No. 9 revisions. XO is issuing these tariff changes in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, In the Matter of 8YY Access Charge Reform, FCC 20-143, released October 9, 2020. The proposed tariff language and rate changes appear in Switched Access Direct Connect and Tandem Connect Services, Switched Access IP Direct Connect and Tandem Connect Services as well as, 800 Data Base Access Service Query.

The following pages are included in this filing:

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2nd Revised Page 59
Original Page 59.1
1st Revised Page 60
2nd Revised Page 65
2nd Revised Page 77
7th Revised Page 79
5th Revised Page 80
3rd Revised Page 80.1

This filing is being submitted with an issued date of May 27, 2021 and effective date of July 1, 2021.

Should you have any questions, please contact me by telephone at 571-776-4548 or by email at daniel.ostroff@verizon.com.

Sincerely,

/s/ Daniel G. Ostroff

Daniel G. Ostroff
Analyst, State Government Affairs

Enclosures

ACCESS SERVICES TARIFF

SECTION 1 - DEFINITION OF TERMS

8YY Originating – Feature Group D originating usage dialed with the following NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry for the provision of Toll Free services.

(N)
(N)

Access Service: Switched or Special Access to the network of any Interconnecting Carrier for the purpose of originating or terminating communications.

Advance Payment: Part or all of a payment required before the start of service.

Automatic Number Identification (ANI) – The Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party.

Bit: The smallest unit of a payment required before the start of service.

Calling Party Number (CPN) – The SS7 signaling parameter that identifies the subscriber line number or directory number of the calling party.

Charge Number (CN) – The SS7 signaling parameter that identifies the billing telephone number of the calling party.

Company: XO Communications Services, LLC, the issuer of this tariff, which is a Delaware limited liability company.

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Customer: The person, firm, corporation, government entity, or other entity which subscribes to or uses, and is therefore responsible for the payment of charges and compliance with the Company’s regulations, the services offered under this tariff, including both Interexchange Carriers (IXCs) and End Users.

Dedicated: A facility or equipment system or subsystem set aside for the sole use of a specific Customer.

Duplex Service: Service which provides for simultaneous transmission in both directions.

End User: Any customer of an intrastate communications service that is not a common carrier; provided that a common carrier other than a telephone company shall be deemed to be an "end user" when such common carrier uses a communications service for administrative purposes, and a person or entity that offers communications service exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

Entrance Facility - An Entrance Facility provides the communication path between a Customer's premises and the Company for the sole use of the Customer.

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(N)

Fiber Optic Cable: A thin filament of glass with a protective outer coating through which a light beam carrying communications signals may be transmitted by means of multiple internal reflections to a receiver, which translates the message.

Individual Case Basis (ICB): A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the case.

IntraLATA Service: Service which originates and terminates within the same Local Access Transport Area (LATA). (Some material previously located on this page is now on page 7.)

ACCESS SERVICES TARIFF

SECTION 1 - DEFINITION OF TERMS (CONT'D.)

Interconnecting Carrier: Any carrier that connects to the Company's network for exchange of communications traffic.

InterLATA Service: Service which originates within one Local Access Area Transport Area (LATA) and terminates in a different LATA.

Internet Protocol (IP) Signaling – A packet data-oriented protocol used for communications call signaling information.

Local Access: Local Access means the connection between a Customer premises and Company Point of Presence.

Mbps: Megabits per second.

Multi-Frequency (MF) Signaling - An in-band signaling method in the which call signaling information is transmitted between network switches using the same voice band channel used for voice.

Network: The Company's digital fiber optics-based network.

Network Services: The Company's telecommunications access services offered on the Company's Network.

Node: The Company office where all Customer facilities are terminated for purposes of interconnection to trunks and/or cross-connection to distant ends.

Non-8YY Originating – Feature Group B or D originating usage that is not dialed with the following NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry for the provision of Toll Free services.

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Nonrecurring Charges: The one-time initial charges for services or facilities, including but not limited to charges for construction, installation, or special fees, for which the Customer becomes liable at the time a Service Order is executed.

Originating On-Net: A call originating on and placed via Company owned facilities or a combination of Company owned and leased facilities.

Originating Off-Net: A call originating on and placed via non-Company owned facilities or a combination of non-Company owned and leased facilities.

PIU: Percent Interstate Usage

Point to Point Service: Point to Point Service is an unswitched full time transmission service utilizing the Company's facilities to connect two or more Customer designated locations.

Issued: May 27, 2021

Effective: July 1, 2021

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Dulles, VA 20166 (T)

ACCESS SERVICES TARIFF

SECTION 1 - DEFINITION OF TERMS (CONT'D.)

Premises: Denotes a building or buildings on contiguous property (except railroad right-of-way, etc.) not separated by a public highway.

Recurring Charges: The monthly charges to the Customer for services, facilities and equipment, which continue for the agreed upon duration of the service.

Service Commencement Date: The first day following the date on which the Company notifies the Customer that the requested service or facility is available for use, unless extended by the Customer's refusal to accept service which does not conform to standards set forth in the Service Order or this tariff, in which case the Service Commencement Date is the date of the Customer's acceptance. The parties may mutually agree on a substitute Service Commencement Date.

Service Order: The written request for Network Services executed by the Customer and The Company in the format devised by the Company. The signing of a Service Order by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff, but the duration of the service calculated from the Service Commencement Date.

Service: The Company's telecommunications access service offered on the Company's network.

Shared: A facility or equipment system or subsystem which can be used simultaneously by several Customers.

Special Access Service: Dedicated access between a Customer's Premises and another Point of Presence for the purpose of originating or terminating communications.

Switched Access Service: Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications.

Toll Free - Toll Free is a service for which the toll charges for completed calls are paid by the toll free subscriber, rather than the calling party. (N)
(N)

Toll VoIP-PSTN Traffic -Interexchange voice traffic that (1) is exchanged with the Company in Time Division Multiplexing ("TDM") format over Public Switched Telephone Network ("PSTN") facilities and (2) originates and/or terminates in Internet Protocol ("IP") format. Toll VoIP-PSTN Traffic originates and/or terminates in IP format when it originates from and/or terminates to an end user of a service that requires IP-compatible customer premises equipment.

ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.2 Provision and Description of Switched Access Service Agreements

5.2.3 Rate Categories

The following rate categories apply to Switched Access Service:

- Direct Connect
- Tandem Connect
- 800 Data Base Access Service
- Optional Features

Except as stated as follows, Tandem Connect Service is provided in conjunction with the tandem provider serving the area. Charges are computed in accordance with Section 2.14.2.F preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Carrier is Involved).

A. Direct Connect

The Company will provide Direct Connect Service between the Customer's Premises and the Company's Local Switching Center switches. This transmission path is dedicated to the use of a single Customer. DS1 and DS3 facilities are available for Direct Connect Service. A DS1 facility is capable of transmitting at a nominal speed of 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. A DS3 facility is capable of transmitting at a nominal speed of 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. For DS3 facilities, if the Company is required to install additional fiber optic equipment for the benefit of the Customer, then the Customer has the option to choose either an optical or electrical interface. This Direct Connect rate category is comprised of a monthly Entrance Facilities charge and a per minute of use End Office switching charge as specified in Section 6.3.3.

The Company will provide Direct Connect between the Customer's Premises and the ILEC's local switch when the local switch and the facilities are leased by the Company from the ILEC. The Company will bill the Direct Connect rates when the ILEC's Category 11 Daily Usage Feed Records indicate that the call was routed directly from the Customers' Premises to the ILEC switch serving the end user customer without routing through the access tandem.

When a Customer purchases Direct Connect, if the number of calls over the direct trunks has reached its maximum level, calls not able to be switched over the direct trunks will overflow/be routed to the Customer via an access tandem. In that event, the Customer will be assessed the Tandem Connect rates for such calls. The Direct Connect rate is comprised of the Minutes of Use (MOU) based charges found in Section 6.3.3.C.1.

The Direct Connect rate is a combination of the former End Office Switching and Carrier Common Line rate element charges.

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ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.2 Provision and Description of Switched Access Service Agreements

5.2.3 Rate Categories, (Cont'd)

B. Tandem Connect

Tandem Connect consists of circuits from the point of interconnection with Customer's tandem provider to the Company's Local Switching Center. This Tandem Connect rate category is comprised of the Minutes of Use (MOU) based End-Office switching and tandem switched transport functions.

Tandem Connect Charges apply on a per-minute-of-use basis when calls are switched by an ILEC's tandem switch to or from the Company's Local Switching Center or are switched through a tandem switch which the Company leases the tandem switching functionality from the ILEC. The rate will vary based on whether the Company leases tandem switching functionality on a call. Tandem Connect rates are found in Section 6.3.3.C.2.

Rates and charges for Tandem Connect minutes for which the Company does not lease the tandem switching function from the ILEC do not contain the ILEC's tandem switching charge and are denoted in the Switched Access Rates section as Tandem Connect Without Tandem Switching. Rates for Tandem Connect minutes for which the Company does lease the tandem switching function from the ILEC contain the ILEC's Tandem Switching Charge and are denoted in the Switched Access Rates section as Tandem Connect with Tandem Switching.

The Tandem Connect Without Tandem Switching rate is a combination of the former End Office Switching, Carrier Common Line, and Transport Charge rate element charges. The Tandem Connect With Tandem Switching rate is a combination of the former End Office Switching, Carrier Common Line, Transport Charge, and Tandem Switching rate element charges.

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ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.2 Provision and Description of Switched Access Service Agreements (cont'd)

5.2.3 Rate Categories (cont'd.)

C. 800 Data Base Access Service (T)

800 Data Base Access Service is a service offering utilizing originating Trunk side Switched Access Service. When a Toll Free SAC*+NXX+XXXX call is originated by an End User, the Company will perform Customer Identification based on screening of the full ten-digits of the Toll Free number to determine the Customer location to which the call is routed. (T)
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The 800 Data Base charge, which consists of a single, fixed rate element, applies on a per query basis. (T)

D. Switched Access Service Optional Features

1. Non-chargeable Optional Features

Where transmission facilities permit, the Company will, at the option of the Customer, provide the following non-chargeable optional feature, in association with Switched Access Service.

(a) Supervisory Signaling

2. Chargeable Optional Features

Where transmission facilities permit, the Company will, at the option of the Customer, provide the following chargeable optional features, as described in Section 5.5.2, in association with Switched Access Service.

(a) Signaling Transfer Point Access (C)
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* Toll Free Service Access Codes (SACs) would include NPAs: 800, 888, 877, 866, 855, 844, 833, 822, or other NPAs as they become available to the industry for the provision of Toll Free services. (N)
(N)

ACCESS SERVICES TARIFF

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)

5.5 Switched Access Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups for Switched Access Service.

5.5.1 Non-chargeable Optional Features

A. Supervisory Signaling

Supervisory Signaling is provided where the transmission parameters permit, and where signaling conversion is required by the Customer to meet its signaling capacity, the Customer may order an optional supervisory signaling arrangement in the form of Multi-frequency (MF) Signaling for each transmission path.

5.5.2 Chargeable Option Features

B. Signaling Transfer Point Access

The Customer will be charged a per mile charge and a per port charge for access to a specialized switch which provides SS7 network access and performs SS7 messaging, routing and screening. If a customer is connected to a third party SS7 service provider, an additional charge, as specified in Section 6.3.3.E.2 will apply.

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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services

There are three types of rates and charges that apply to Switched Access Service. These are Monthly Recurring Charges, usage rates and Nonrecurring Charges.

Monthly Recurring Charges:

Monthly Recurring Charges are flat rates for facilities that apply each month or fraction thereof that a specific rate element is provided.

Usage Rates:

Usage rates are rates that are applied on a per access minute or per query basis. Usage rates are accumulated over a monthly period.

Nonrecurring Charges:

Nonrecurring charges are one time charges that apply for a specific work activity (i.e., installation of new service or change to an existing service).

Installation of Service:

Nonrecurring charges apply to each Switched Access Service installed. The charge is applied per line or trunk.

6.3.1 Application of Rates

- A. Direct Connect - The Direct Connect rate is assessed based on the total of the monthly Entrance Facilities charge and the usage rates of applicable rate elements. The monthly facilities charge consists of a fixed rate based on the type of the facilities, i.e., DS1 or DS3; and any applicable usage rates.
- B. Tandem Connect - The Tandem Connect rate is assessed based on the usage charges for End-Office switching and Tandem Switched Transport functions. (T)
- C. 800 Data Base Access Service Charge - The 800 Data Base Access Service Query Charge applies for the translation of a specific ten-digit Toll Free number to a Customer Identification on a per query basis. (T)
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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services (cont'd)

6.3.3 Rates and Charges

A. Change Charges (Per Order)

Per Occurrence	
Service Date	\$0.00
Design Changes	\$0.00

B. Cancellation Charges (Per Order) \$0.00

C. Switched Access

1. Direct Connect Charges

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.017919	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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2. Tandem Connect Charges

(a) Tandem Connect Without Tandem Switching

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.025400	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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(b) Tandem Connect With Tandem Switching

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.026609	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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D. Chargeable Optional Features

800 Data Base Access Service Basic Query Per Query	See Note 1*
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E. Non-chargeable Optional Features

Supervisory Signaling	no charge
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* Note 1 – 8YY Originating, 800 Data Base Access Service Basic Query, and Terminating switched access rates are billed at Company’s tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services, (cont'd)

6.3.3 Rates and Charges, (cont'd)

F. Feature Group D Optional Features

1. Common Switching Optional Features

	<u>Nonrecurring</u>	<u>Monthly</u>
Alternate Traffic Routing	none	none
Automatic Number Identification	none	\$.0003
Cut-Through	none	none
Service Class Routing	none	none
Feature Group D with 950 Access	none	none
Signaling System Seven (SS7)	none	none
Basic Initial Address Message Delivery	none	\$.0006
Called Directory Number Delivery	none	\$.0003
Flexible Automatic Number, per CIC, per end office	\$500.00	none
Identification Delivery		

G. VoIP-PSTN Traffic

1. Direct Connect Charges

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.017919	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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2. Tandem Connect Charges

(a) Tandem Connect Without Tandem Switching

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.025400	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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(b) Tandem Connect With Tandem Switching

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.026609	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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*Note 1 – 8YY Originating and Terminating switched access rates are billed at Company’s tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

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ACCESS SERVICES TARIFF

SECTION 6 - RATES AND CHARGES, (CONT'D.)

6.3 Switched Access Services, (cont'd)

6.3.3 Rates and Charges, (cont'd)

H. Switched Access IP Direct Connect

1. Direct Connect Charges

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.017919	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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2. Tandem Connect Charges

(a) Tandem Connect Without Tandem Switching

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.025400	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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(b) Tandem Connect With Tandem Switching

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.026609	Per Access Minute of 8YY <u>Originating Use</u> See Note 1*	Per Access Minute <u>Terminating Use</u> See Note 1*
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*Note 1 – 8YY Originating and Terminating switched access rates are billed at Company’s tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 which may be viewed at www.verizon.com/tariffs.

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