

VIA ELECTRONIC MAIL

May 27, 2021

Mr. Gary Widerburg
Commission Secretary
Utah Public Service Commission
Heber M. Well Bldg
160 East 300 South, 4th Floor
Salt Lake City, UT 84111

Re: Revised Tariff of Certain Services of XO Communications Services, LLC

Dear Mr. Widerburg:

Enclosed please find for filing an electronic of XO Communications Services, LLC's Utah Price List No. 2 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:

25th Revised Page 2
4th Revised Page 7
5th Revised Page 8
1st Revised Page 44
2nd Revised Page 45
Original Page 45.1
1st Revised Page 46
1st Revised Page 50
2nd Revised Page 62
7th Revised Page 64
5th Revised Page 67

This filing is being submitted with an issued date of May 27, 2021 and a requested 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

INTRASTATE ACCESS SERVICES

CHECK SHEET

Pages of this tariff, as indicated below, are effective as of the date shown /at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

PAGE	REVISION		PAGE	REVISION		PAGE	REVISION
1	Original		26	Original		51	Original
2	25 th Rev.	*	26.1	2 nd Rev.		52	Original
3	1st Rev.		26.2	1st Rev.		52.1	Original
4	4 th Rev.		27	Original		52.2	Original
4.1	1st Rev.		28	Original		52.3	Original
5	Original		29	Original		52.4	Original
6	Original		30	Original		52.5	Original
7	4 th Rev.	*	31	Original		53	Original
8	5 th Rev.	*	32	Original		54	Original
9	Original		33	Original		55	1st Rev.
10	2 nd Rev.		34	1st Rev.		56	1st Rev.
11	Original		35	1 st Rev.		57	1st Rev.
12	Original		36	2 nd Rev.		58	1st Rev.
13	1 st Rev.		37	1st Rev.		59	1st Rev.
14	Original		38	2 nd Rev.		60	1st Rev.
15	Original		39	1st Rev.		61	1st Rev.
16	Original		40	2 nd Rev.		62	2 nd Rev. *
17	Original		41	1st Rev.		63	1st Rev.
18	Original		42	1st Rev.		64	7 th Rev. *
19	Original		43	2nd Rev.		65	1st Rev.
20	1st Rev.		44	1 st Rev.	*	66	2nd Rev.
21	1 st Rev.		45	2 nd Rev.	*	67	5 th Rev. *
22	4 th Rev.		45.1	Original	*	67.1	2nd Rev.
22.1	2 nd Rev.		46	1 st Rev.	*	67.2	1st Rev.
22.2	1st Rev.		47	Original		68	Original
22.3	Original		48	Original			
22.4	1st Rev.		49	Original			
22.5	Original		50	1 st Rev.	*		
23	Original						
24	Original						
25	1 st Rev.						

* - indicates those pages included with this filing

INTRASTATE ACCESS SERVICES

SECTION 1- DEFINITIONS

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 - A connection between a Customer Premises and a Point of Presence of an Interchange Company for the transmission of voice, data or video/image information.

Advance Payment - Part of 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.

Commission - The Utah Public Service Commission

Company - XO Communications Services, Inc., the issuer of this Price List, which is a Utah Limited Liability Corporation.

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, and other carriers or providers that originate or terminate Toll VoIP-PSTN Traffic, or otherwise exchange Toll VoIP-PSTN Traffic with the Company.

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. (N)
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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 Basic (ICB) - Denotes service provided and performed by the Company involving special engineering, design, programming, development, or production activities to provide services not otherwise proved under this Price List. Rates and charges are developed based on the specific circumstances of the case.

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.

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 8.)

INTRASTATE ACCESS SERVICES

SECTION 1- DEFINITIONS, (CONT'D.)

IntraLATA Service - Service which originates and terminates within the same Local Access Transport Area (LATA).

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. (N)

Non-Recurring 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 of Service Order is executed. (N)

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.

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 Price List, 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. In any case, the Service Commencement Date is no later than the date that the Customer uses the Company's Service.

Service Order - The written request for Network Services executed by the Customer and The Company in the format devised by the Company or the use of Company Services by the Customer. The signing of a Service Order by the Customer and acceptance by the company or the use of Company Services by the Customer initiates the respective obligations of the parties as set forth therein and pursuant to this Price List, 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 and provided to the Customer by the Company either pursuant to a written request for Network Services or through the Customer's use of the Company's services.

Shared - A facility or equipment system or sub system which can be used simultaneously by several Customers.

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)

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. (N)

INTRASTATE ACCESS SERVICES

SECTION 5 - SWITCHED ACCESS SERVICE, (CONT'D.)**5.2 Provision and Description of Switched Access Service Agreements, (Cont'd.)****5.2.1 Feature Group D (FGD) Access**

Where no Access Code is required, the number dialed by the Customer's End User shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP), except for 00- dialed calls which are routed to the predesignated Customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the Customer's End User is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA = NXX-XXXX, and when the local Switching Center is equipped for International Direct Distance Dialing (IDDD), 0+ CC + NN or 011 + CC + NN.

When the 10XXX Access Code is used, FGD switching also provides for dialing the digit 0 for access to the Customer's operator, 911 for access to the Company's emergency service, or the end-of-dialing digit (#) for cut-through access to the Customer's Premises.

In addition, End Users may originate calls by dialing the 950-XXXX Access Code specific to a particular Interchange Carrier, provided that the Interchange Carrier has subscribed to the Company's Feature Group D with 950 Access Common Switching Optional Feature. If the End User is presubscribed to that Interexchange Carrier, no Access Code is necessary.

5.2.2 Manner of Provision

Trunks used for Switched Access Service may be configured for one-way (either originating only or terminating only) or for two-way directionality. It is the Customer's responsibility to order a sufficient number of trunks of each type in order to meet its desired grade of service objective. At the Customer's request, the Company will assist the Customer in sizing Switched Access Trunk groups.

5.2.3 Rate Categories

The following rate categories apply to Switched Access Service:

- A.** Direct Connect
- B.** Tandem Connect
- C.** 800 Data Base Access Service
- D.** Optional Features

5.2.3.1 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 2.5.2.8 preceding (Ordering, Rating, and Billing of Access Services Where More Than One Exchange Telephone Company is Involved).

5.2.3.1.1 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 6.3.3.4.

INTRASTATE ACCESS SERVICES

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.)

5.2.3.1 (Cont'd)

5.2.3.1.1 **Direct Connect (Cont'd)** - 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.

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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 Minute of Use (MOU) based charges found in Section 6.3.3.4.2

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The Direct Connect rate is equal to the former End Office Switching rate element charge.

5.2.3.1.2 **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 a 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 for which the Company leases from the ILEC for the tandem switching function. The rate will vary based on whether the Company leases the tandem switching function on a call. Tandem Connect rates are found in Section 6.3.3.4.3.

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.

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

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Issued: May 27, 2021

Effective: July 1, 2021

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22000 AOL Way (T)
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INTRASTATE ACCESS SERVICES

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.)

5.2.3.1 (Cont'd)

5.2.3.1.3 800 Data Base Access Service - 800 Data Base Access Service is a service offering utilizing originating Trunk side Switched Access Service. When an 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.

The 800 Data Base charge, which consists of a single, fixed rate element, applies on a per query basis.

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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.*

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INTRASTATE ACCESS SERVICES

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.)

5.2.3.1.4 Switched Access Service Optional Features

5.2.3.1.4.2 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

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5.2.3.1.4.3 Feature Group D Optional Features

Following are the various optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group D. Optional features are provided as Common Switching Optional Features as described in Section 5.5.3.1.

5.2.3.1.4.3.1 Common Switching Optional Features - At the Customer's option, the following standard features are available at the rates specified in Section 7.4.7.1:

- (a) Alternate Traffic Routing
- (b) Automatic Number Identification (ANI)
- (c) Cut-Through
- (d) Service Class Routing
- (e) Feature Group D with 950 Access
- (f) Signaling System Seven (SS7)
- (g) Basic Initial Address Message Delivery

INTRASTATE ACCESS SERVICES

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 Nonchargeable Optional Feature

- (a) **Supervisory Signaling:** 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

- (a) **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 7.4.5.2 will apply.

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5.5.3 Feature Group D Optional Features

5.5.3.1 Common Switching Optional Features

- (a) **Alternate Traffic Routing -** This option provides the capability of directing originating traffic from a Local Switching Center to a direct access Trunk group, with additional traffic overflowing to the access tandem Trunk group and then to a Customer designated Premises. Multiple Customer Premises Alternate Routing is also available where originating traffic from a Local Switching Center is directed via a Trunk group to a Customer designated Premises until that group is fully loaded, and then additional originating traffic from the same Local Switching Center or access tandem is delivered via a different Trunk group to a second Customer designated Premise. The Customer shall specify the last Trunk CCS desired for the high use group.

INTRASTATE ACCESS SERVICES

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 Non-Recurring 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.

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

- (a) **Installation of Service** - Non-Recurring charges apply to each Switched Access Service installed. The charge is applied per line or trunk.

6.3.1 Application of Rates

6.3.1.1 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.

6.3.1.2 Tandem Connect - The Tandem Connect rate is assessed based on the usage charges for End-Office switching and Tandem Switched Transport.

6.3.1.3 800 Data Base Access Service Charge - The 800 Data Base Access Query Service Charge applies for the translation of a specific ten-digit Toll Free number to a Customer Identification on a per query basis.

6.3.2 Billing of Access Minutes - When recording originating calls over FGD with multi-frequency address signaling, usage measurement begins when the first wink supervisory signal is forwarded from the Customer's facilities. The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating End User's Local Switching Center (indicating that the originating End User has disconnected), or the Customer's facilities, whichever is recognized first by the entry switch.

For terminating calls over FGD with multi-frequency address signaling, the measurement of access minutes begins when a seizure signal is received from the Carrier's Trunk group at the Point of Presence within the LATA. The measurement of terminating call usage over FGD ends when a disconnect signal is received, indicating that either the originating or terminating user has disconnected.

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INTRASTATE ACCESS SERVICES

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

6.3 Switched Access Services, (Cont'd.)

6.3.3 Rates and Charges, (cont'd.)

6.3.3.4 Switched Access

6.3.3.4.1 Entrance Facility Charge:

Per DS1 - The rates and charges for DS1 Entrance Facilities are the charges set forth for the Company's DS1 Special Access Service** as specified in Section 6.2.4.2 of this Price List.

Per DS3 - The rates and charges for DS3 Entrance Facilities are the charges set forth for the Company's DS3 Special Access Service** as specified in Section 6.2.4.2 of this Price List.

6.3.3.4.2 Direct Connect Charges

<u>Per Access Minute of Non-8YY Originating Use</u> \$0.027900	<u>Per Access Minute of 8YY Originating Use</u> See Note 1*	<u>Per Access Minute Terminating Use</u> See Note 1*
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6.3.3.4.3 Tandem Connect Charges

A. Tandem Connect Without Tandem Switching

<u>Per Access Minute of Non-8YY Originating Use</u> \$0.031282	<u>Per Access Minute of 8YY Originating Use</u> See Note 1*	<u>Per Access Minute Terminating Use</u> See Note 1*
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B. Tandem Connect With Tandem Switching

<u>Per Access Minute of Non-8YY Originating Use</u> \$0.033874	<u>Per Access Minute of 8YY Originating Use</u> See Note 1*	<u>Per Access Minute Terminating Use</u> See Note 1*
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*Note 1 – 8YY Originating Usage and Terminating Usage switched access rates are billed at Company's tariffed interstate rates found in XO Communications, LLC FCC Tariff No. 1 Section 6.3.3 which may be viewed at www.verizon.com/tariffs/.

**Effective May 8, 2020, Special Access Services are no longer available to new customers. Moves, additions, or changes will no longer be permitted for existing customers.

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INTRASTATE ACCESS SERVICES

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

6.3 Switched Access Services, (Cont'd.)

6.3.5 Billing Name and Address (BNA) Service, (cont'd.)

6.3.5.2 Obligations of the Customer

- (A) XO will only accept BNA Service orders via email or fax. With each order for BNA Service, the customer must provide the name of the authorized individual(s) as well as the email address or fax number to which the BNA information should be sent.

6.3.5.3 Rates and Charges

6.3.6 Switched Access IP Direct Connect

6.3.6.1 Direct Connect Charges

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.027900	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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6.3.6.2 Tandem Connect Charges

(A) Tandem Connect Without Tandem Switching

Per Access Minute of Non-8YY <u>Originating Use</u> \$0.031282	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> \$0.033874	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 Usage and Terminating Usage 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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