
INTRASTATE
ACCESS SERVICE TARIFF
REGULATIONS, RATES AND CHARGES

Voice Over Internet Protocol – Public Switched Telephone Network Factor

(A) Scope

The following Intercarrier Compensation (“ICC”) framework shall apply to Voice over Internet Protocol (“VoIP”) – Public Switched Telephone Network (“PSTN”) traffic that would otherwise be subject to Champaign Telephone Company’s (“Company”) intrastate toll access charges. This framework is being established solely as a result of the Report and Order and Further Notice of Proposed Rulemaking, FCC 11-161, released November 18, 2011 (the “Report and Order”) by the Federal Communications Commission (“FCC”) and the FCC’s Order, DA 12-147, released February 3, 2012.

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This section of the tariff does not preclude carriers from negotiating different rates, terms and conditions governing compensation for Toll VoIP-PSTN traffic.

This tariff does not supersede rates, terms and conditions governing compensation for Toll VoIP-PSTN traffic in existing interconnection agreements.

Rates, terms and conditions governing compensation for Toll VoIP-PSTN traffic in this tariff applies prospectively, as of December 29, 2011.

(B) Identification and Rating of Toll VoIP-PSTN Traffic

The terms of this section shall only apply to traffic that a Customer, in good faith, demonstrates to be within the definition of “Intrastate Toll VoIP-PSTN Traffic.”

For purposes of applying the definition of Intrastate Toll VoIP-PSTN Traffic, the following shall apply:

The term “Intrastate Toll” means traffic involving calling and called end users, both of which are identified as being located in the State of Ohio, one of which is identified as being located outside of the local calling area of the Company, and the other of which is a Company end user identified as being located within the local calling area. The determination of Intrastate Toll shall be made through the application of the traffic identification provisions of this Tariff or through some other negotiated traffic identification arrangements included in an interconnection agreement between the Customer and the Company.

The term “VoIP” means traffic that is originated by or terminated to an end user in Internet Protocol format, i.e., calls that utilize Internet protocol-compatible Customer premises equipment.

The term “PSTN” means traffic that, regardless of the originating or terminating format used by the Customer and Company, is exchanged between the Customer and the Company in Time Division Multiplexing format.

INTRASTATE
ACCESS SERVICE TARIFF
REGULATIONS, RATES AND CHARGES

(B) Identification and Rating of Toll VoIP-PSTN Traffic (Cont'd)

The VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Company's applicable tariffed interstate switched access rate as specified in NECA Tariff F.C.C. No. 5.

When the Company receives sufficient call detail to determine Toll VoIP-PSTN Traffic from the Customer's traditional intrastate access traffic, the Company will use that call detail to render bills for those minutes of use and will not use Percent VoIP Usage (PVU) factors to determine the VoIP-PSTN Traffic of those minutes of use.

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When the Company receives insufficient call detail to determine Toll VoIP-PSTN Traffic from the Customer's traditional intrastate access traffic, the Company will apply the PVU factor(s) provided by the Customer or determined by the Company, only to those minutes of use for which the Company does not have sufficient call detail.

(C) Calculation and Application of Percent-VoIP-Usage Factors

The Company will determine the number of Toll VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied, by applying a PVU factor to the total intrastate access MOU (however determined – either based on call detail information or PIU) exchanged between the Company and the Customer. The PVU will be derived and applied as follows:

- (1) The Customer will calculate and furnish to the Company a factor (the "PVU-Customer") representing the percentage of the total intrastate access MOU that the Customer exchanges with the Company in the State, that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format.

This PVU-Customer shall be based on information such as the number of the Customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.

- (2) The Company will calculate a factor (the "PVU-Company") representing the percentage of the Company's total intrastate access MOU that the Customer exchanges with the Company in the state that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format.

This PVU-Company shall be based on information such as the number of the Company's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.

INTRASTATE
ACCESS SERVICE TARIFF
REGULATIONS, RATES AND CHARGES

(C) Calculation and application of Percent-VoIP-Usage Factor (Cont'd)

- (3) The Company will use the PVU-Customer and PVU-Company factors to calculate a PVU factor that represents the percentage of total intrastate access MOU exchanged between the Company and the Customer that is originated or terminated in IP format. The PVU factor will be calculated as the sum of: (a) the PVU-Customer factor and (b) the PVU-Company factor times (1.0 minus the PVU-Customer factor).
- (4) The Company will apply the PVU factor to the intrastate access MOU exchanged with the Customer to determine the number of Toll VoIP-PSTN MOU.

Example: The PVU calculation is applied to the Customer's intrastate MOU.

$$\text{PVU} = \text{PVU-Customer} + (\text{PVU-Company} \times (1 - \text{PVU-Customer}))$$

The Customer reported its PVU-Customer as 15%. The Company's PVU-Company is 6%. This results in the following:

$$\text{PVU} = 15\% \text{ plus } (6\% \text{ times } (1 - 15\%)) = 20\%$$

This means that 20% of the Customer's originating and terminating intrastate MOU will be rated at the respective interstate rates.

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- (5) If the Customer does not furnish the Company with a PVU factor, the Company will utilize a Customer PVU of 0% and the PVU will be equal to the Company's PVU.
- (6) The Customer shall not modify its reported PIU factor to account for Toll VoIP-PSTN Traffic.
- (7) The Customer shall retain for a minimum of six months call detail records that substantiate the PVU-Customer factors provided to the Telephone Company.

(D) Initial PVU Factor

If the PVU factor is not available and/or cannot be implemented in the Company's billing systems by December 29, 2011, once the factor is available and can be implemented the Company will adjust the Customer's bills to reflect the PVU retroactively to December 29, 2011. In calculating the initial PVU, the Company will take the Customer-specified PVU-Customer into account retroactively to December 29, 2011, provided that the Customer provides the factor to the Company no later than 30 days after the effective date of this tariff.

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