

IntelePeer™, Inc.

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June 1, 2012

Via Electronic Filing

Steven Reed, Secretary and General Counsel
Missouri Public Service Commission
200 Madison Street
Governor Office Building
Jefferson City, MO 65101

RE: IntelePeer, Inc., Missouri P.S.C. Tariff No. 3 (Intrastate Switched Access Services)

Dear Mr. Thomas,

On behalf of IntelePeer, Inc. ("IntelePeer"), enclosed are the pages for Missouri P.S.C. Tariff No. 3 revised to comply with the directive of the Federal Communications Commission ("FCC") in 47 C.F.R. §51.907 and § 51.911 regarding reductions to the rates for intrastate switched access services in Missouri.

The FCC ordered carriers to lower intrastate access rates 50% toward the interstate rates by July 1, 2012, and the remaining 50% by July 1, 2013, based on access revenues. IntelePeer has had no switched access revenues, and had set its interstate switched access rates at the rates of the corresponding incumbent carrier in each jurisdiction. To streamline its compliance, IntelePeer intends to (1) adopt the lowest interstate rates charged by any incumbent carrier as its interstate rates; (2) lower intrastate rates to interstate levels by July 1, 2012; and (3) then incorporate those rates into all of its intrastate tariffs, which results in several new rate elements, created from breaking up some blended, composite rates.

Accordingly, the following amended pages are included with this filing:

Sheet No. 72 - First Revision
Sheet No. 75 - First Revision
Sheet No. 76 - First Revision
Sheet No. 77 - First Revision

The enclosed revised pages are being filed to become effective on July 1, 2012.

Should you have any questions concerning this filing, please do not hesitate to contact the undersigned.

Respectfully submitted,

A handwritten signature in black ink, reading "Kristin L. Manwarren". The signature is written in a cursive style with a large initial "K".

Kristin L. Manwarren

Corporate Counsel for IntelePeer, Inc.

Enclosures