

RCLEC, Inc.
P.S.C. No. 3 – Local Wholesale Access Tariff

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DEFINITIONS (CONT'D)

SOFTSWITCH - A central device in a telecommunications network which connects calls from one phone line to another, entirely by means of software running on a computer system. This work was formerly carried out by hardware, with physical switchboards to route the calls.

STANDARD DEFINITION MULTICAST - Communication between a single sender and multiple receivers on a network that has a resolution that meets standards but not considered either enhanced definition or high definition.

SYNCHRONOUS OPTICAL NETWORK or SONET - Transport network for synchronously multiplexed tributary signals. The standard defines a set of transmission rates, signals and interfaces for fiber optic transmission. The basic electrical signal runs at 51.840 Mbps, approximately 51 times the bandwidth of a standard US, Ti leased line running at 1.544Mbps. SONET grows in multiples of the basic signal into the multi-Gigabit range. SONET has the feature of adding and dropping lower bit-rate signals from the higher bit-rate signal without needing electrical demultiplexing.

TARIFF - The rates, charges, rules and regulations adopted and filed by RCLEC, Inc. with the New York State Public Service Commission.

TDM - Time division multiplexing. A digital data transmission method that takes signals from multiple sources, divides them into pieces which are then placed periodically into time slots, transmits them down a single path and reassembles the time slots back into multiple signals on the remote end of the transmission.

TDMOIP - Time Division Multiplexing over the Internet Protocol.

TELECONFERENCING - The live exchange and mass articulation of information among persons and machines remote from one another but linked by a telecommunications system, usually over a phone line.

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