



Emily Cooperative Telephone Company

Network Neutrality Statement

ECTC continues to comply with all applicable FCC requirements while providing the best possible customer experience for its' Internet users. As such, ECTC commits to the open and non-discriminatory use of the Internet by its customers and commits to use reasonable network management practices to ensure an open Internet. Specifically, ECTC will not:

1. prevent any of its users from sending or receiving lawful content of the user's choice over the Internet;
2. prevent any of its users from running the lawful applications or using the lawful services of the user's choice;
3. prevent any of its users from connecting to and using on its network the user's choice of lawful devices that do not harm the network; or
4. deprive any of its users of the user's entitlement to completion among network providers, application providers, service providers, and content providers.

Congestion Management

ECTC has designed its' network to minimize congestion. However, during a network element outage the network may experience congestion from time-to-time. ECTC has no control of its' upstream Internet Provider's Network or the Internet itself. ECTC does not provide priority to an individual Customer traffic based on the level of service the Customer has purchased or the technology that they may use.

ECTC's Internet service network could be broken down to three components, local access, local backbone, and long haul to upstream provider access network.

Local Access Network

Congestion Management on the local access network is based upon the transport technology available to the customer's premise. ECTC's local access Internet network consists of Digital Data Service (T1), and fiber to the premise (FTTP) technologies. Each technology provides its own challenges and advantages for congestion management. However ECTC engineers its facilities to accommodate the best possible Internet Access rate for each technology supported. Fiber optic technology and DDS (T1) allows ECTC to provision and deliver the programmed speed to ECTC's end equipment at the customer premise demarcation.

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One caveat to congestion management on the local access network is with ECTC's Voice over Internet Protocol (VoIP) business product, which is a finished service. ECTC does engineer the customer's local area network (LAN) to provide priority routing of VoIP packets over all other IP Packets. This policy is enforced only on the customer premise and not on the Local Access Network.

For security reasons ECTC enforces a maximum number of simultaneous connections to the Internet per subscriber. This threshold is set at a limit that will not affect *normal* usage yet prevents malicious illegal attacks to the network.

Local Backbone Network

Congestion Management on the local backbone is governed purely by capacity of the transport technology of fiber optic facilities. ECTC over-engineers its local backbone network to promote a positive customer experience.

Long Haul to Upstream Provider Network

In order to provide a stable service ECTC has engineered a redundant upstream Internet Provider source. Both upstream Internet sources originate from Minneapolis, Minnesota. Each source is delivered across separate networks to Crosslake. The usage load from end user traffic is balanced, or shared by each upstream source. ECTC has engineered the long haul to upstream provider access networks to provide enough capacity to accommodate end user demand. Congestion management on the long haul upstream provider access network is managed by balancing user traffic across two diverse and redundant networks. ECTC over-engineers its access to upstream providers to promote a positive customer experience.

Application Specific Behavior

ECTC does not block any legal activities and does not inhibit any legal use of protocols, ports or applications. It is not acceptable to use the ECTC network or Services for any purpose that violates local, state or federal laws or to transmit communications that might be highly offensive or damaging to any recipients or to use the Service in a manner that is unintended.

If ECTC receives an authorized notice from a content provider that the Customer is in violation of copyright laws or regulations or has illegally obtained copyright-protected material, ECTC will provide notice to the Customer and reserves the right to disconnect Internet Access until the matter is resolved.

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