

2.12 Ethernet Transport Services

A. Basic Description

Ethernet Transport Service (ETS) is a high speed data transport service that provides end-to-end transmission using Ethernet packet technology at transport speeds ranging from 5 Mbps to 1 Gbps, where available. ETS is ideal for transport of broadband multimedia traffic (i.e., voice, data and video) using variable length Ethernet packets with the ability to interconnect multiple locations using the Telephone Company's ETS network. Ethernet packets generated by Ethernet-compatible customer premises equipment (CPE) are transmitted using available capacity on shared transmission paths through the Telephone Company's ETS network to a pre-specified destination. The ETS customer may use ETS to:

- (1) interconnect customer designated premises (CDPs) served by the Telephone Company's ETS network,
- (2) interconnect with its local area network (LAN) to the Telephone Company's ETS network and/or
- (3) interconnect its CDPs to an Ethernet network located outside of the Telephone Company's serving territory within the state.

B. Definitions and Application of Services

ETS is provided using a combination of ETS Channel Terminations (ETS CTs), ETS Ports, ETS Ethernet Virtual Connections (ETS EVSs), and ETS Extended Ethernet Virtual Connections (ETS E-EVCs).

ETS Channel Terminations

An ETS CT provides the transport facility between the customer's designated premises and an ETS Basic Port at the Company's ETS SWC.

ETS Ports

ETS Ports provide the interface at the Telephone Company's ETS SWC for data traffic to and from the customer premises equipment as well as for connecting the Telephone Company's ETS network of another telephone company.

ETS Ethernet Virtual Connections (ETS EVCs)

ETS EVCs are logical associations established by the Telephone Company across a shared transmission path that allow the ETS customer to transmit packets between any two ETS Ports located on the Telephone Company's ETS network. When ETS EVSs are ordered between ETS Ports that are in different SWCs within the Telephone Company's serving territory, the ETS customer will be billed the ETS Interswitch EVC rate.

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ETS Extended Ethernet Virtual Connections (ETS E-EVCS)

ETS E-EVCs are logical associations established by the Telephone Company across a shared transmission path that allow the ETS customer to transmit packets to and receive packets from an ETS Port located in the Telephone company's Ethernet network located in an adjacent serving territory.

C. Terms and Conditions

1. ETS is provided subject to the availability of Company facilities.
2. The Company will determine the type of facilities used to provide the requested services.
3. The transmission quality of ETS is not guaranteed and is offered to ETS customers at a best effort level. The Telephone Company will attempt to deliver all Ethernet packets received; however, network congestion may result in a loss of Ethernet packets.
4. The customer or the customer's authorized agent will be responsible for the procurement of associated customer premises equipment (CPE) and will ensure compatibility with ETS.
5. The customer is responsible for placement, installation, operation, maintenance, repair, and replacement of all inside wire, not owned by the Company, and CPE must be compatible with Company's provision of ETS.
6. Because of CPE selected by the customer or the customer's agent, some of the features offered may function differently or may not be available.
7. Refer to Line Extension upgrades where facilities are not available, or unusual expenditures are involved in making them available.
8. Early termination of contract will result in a penalty equal to the difference between the discounted rate and the monthly rate for the service period, plus one month of the monthly rate (Monthly Rate – Discounted Rate x months of service + Monthly Rate x 1 Month).

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Ethernet Transport Services

	Nonrecurring Charge	Monthly Rate
3.10 Ethernet Transport Service		

A. ETS Channel Termination

1. ETS Channel Term \leq 300 Feet, per Termination

• 5 Mbps	\$225.00	\$120.00
• 10 Mbps	225.00	135.00
• 20 Mbps	225.00	150.00
• 50 Mbps	225.00	180.00
• 100 Mbps	225.00	200.00
• 500 Mbps	650.00	380.00
• 1 Gbps	650.00	505.00

2. ETS Channel Term $>$ 300 Feet per Termination

• 5 Mbps	\$225.00	\$160.00
• 10 Mbps	225.00	185.00
• 20 Mbps	225.00	200.00
• 50 Mbps	225.00	245.00
• 100 Mbps	225.00	270.00
• 500 Mbps	650.00	510.00
• 1 Gbps	650.00	680.00

B. ETS Basic Port

• 5 Mbps	\$550.00	\$130.00
• 10 Mbps	550.00	150.00
• 20 Mbps	550.00	170.00
• 50 Mbps	550.00	185.00
• 100 Mbps	550.00	200.00
• 500 Mbps	1,350.00	355.00
• 1 Gbps	1,350.00	540.00

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3.10 Ethernet Transport Service (Cont'd)

	Nonrecurring Charge	Monthly Rate
C. ETS Ethernet Virtual Connections (ETS EVCs)		

1. ETS Intraswitch EVC

• 5 Mbps	\$75.00	\$0.00
• 10 Mbps	75.00	0.00
• 20 Mbps	75.00	0.00
• 50 Mbps	75.00	0.00
• 100 Mbps	75.00	0.00
• 500 Mbps	75.00	0.00
• 1 Gbps	75.00	0.00

2. ETS Interswitch EVC

• 5 Mbps	\$75.00	\$ 50.00
• 10 Mbps	75.00	100.00
• 20 Mbps	75.00	200.00
• 50 Mbps	75.00	285.00
• 100 Mbps	75.00	455.00
• 500 Mbps	75.00	1,565.00
• 1 Gbps	75.00	2,720.00

D. ETS Extended Ethernet Virtual Connections (ETS E-EVCS)

• 5 Mbps	\$100.00	\$30.00
• 10 Mbps	100.00	60.00
• 20 Mbps	100.00	120.00
• 50 Mbps	100.00	190.00
• 100 Mbps	100.00	305.00
• 500 Mbps	100.00	985.00
• 1 Gbps	100.00	1,700.00

E. ETS Term Discount Plan

<u>Term Commitment</u>	<u>Percentage</u>
35 months	10%

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60 months

20%

Term discount only applies on monthly recurring charges.

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