

Dark Fiber Leasing



MURFREESBORO
ELECTRIC
D E P A R T M E N T

Overview

In 2009, Murfreesboro Electric Department began the process of installing a fiber optic network to connect all the system's substations with the main office. The goal is to implement a high-speed network that will enhance communications between SCADA (Supervisory Control and Data Acquisition), automation, engineering processes, security, meter reading with Murfreesboro Electric's TWAC System, networking and other systems. This helps Murfreesboro Electric Department ensure reliability and lower response time to outages, among other things.



Dark Fiber Leasing

Murfreesboro Electric Department planned ahead by installing more fibers than what was needed for the system's substations connections. A cost of service analysis has been performed and Murfreesboro Electric has developed a rate design for the leasing of dark fiber to potential commercial customers. The Dark Fiber Pricing information is listed on the next page. Please contact Murfreesboro Electric Engineering Department to inquire about leasing Dark Fiber.

Murfreesboro Electric Department

205 N. Walnut Street

Murfreesboro, TN 37130

615-893-5514

Dark Fiber Pricing Information

0-5 miles of fiber:	\$89.97 per fiber, per mile, per month
5.1-10 miles of fiber:	\$85.48 per fiber, per mile, per month
10.1-20 miles of fiber:	\$76.48 per fiber, per mile, per month
20.1-30 miles of fiber:	\$67.48 per fiber, per mile, per month
30.1-40 miles of fiber:	\$58.48 per fiber, per mile, per month
40.1-50 miles of fiber:	\$47.24 per fiber, per mile, per month
≥ 50.1 miles of fiber:	\$44.99 per fiber, per mile, per month

Extension from Backbone: Customer bears total construction cost to extend fiber optic cable from fiber optic backbone to designated demarcation point on customer's property.

Fiber Maintenance fee: \$0.078 per foot of extension (total extension length, not fiber optic strands leased).

MED bears responsibility for maintenance and repair of the fiber optic network.