Mt. Angel Telephone

Back-up Power

Mt. Angel Telephone Company has the following back-up power capabilities:

Switches-Stand alone and/or host

Switch A	55kw Generator, primary fuel Natural Gas, Secondary fuel 2-125 gallon propane tanks, batteries good for 10 hours.

Remote Central Offices-

No Remote Offices

Subscriber carrier (DLC, AFC,OPM, etc.)

AFC 1	10 hour battery back up
AFC 2	Express powered from C.O. DC power plant
AFC 3	Express powered from C.O. DC power plant

Network Interface Devices (NIDs)

Mt. Angel Telephone Company has 1,164 access lines with metallic (copper) connections to the Central Office and their NID's are powered from the Central Office.

Mt. Angel Telephone Company has 225 access lines with non-metallic (fiber optic) connections to the Central Office. These customer's NIDs are battery powered in case of emergency. Batteries are rated to last 8 hours.

Ability to re-route traffic around damaged facilities:

Mt. Angel Telephone Company has fully redundant facilities for interexchange carrier traffic.

Capability to manage traffic spikes resulting from emergency situations:

Mt. Angel Telephone Company has 1,389 access lines, switching capacity of 2,500 simultaneous calls, and transport capacity for 375 simultaneous calls. **Mt. Angel Telephone Company** takes no responsibility for the capabilities of interconnected networks to manage traffic spikes resulting from emergency situations, but will continue its best efforts its networks during such events.

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