



North Georgia Electric Membership Corporation

Since 1936, everyday, anytime: keeping the power on.

Power Supply and Delivery

Power lines, while not always out of sight, are usually out of mind, until the power goes out or construction begins on a new substation or power line project. The electrical system that serves a community supplies a vital flow of energy that sustains quality of life for everyone. A break in the system jeopardizes service to thousands of people who depend on electricity. When new substations or lines are needed to meet growing demand and ensure system reliability, TVA and NGEMC work together to inform and educate our members and community stakeholders about the project and its impact to the area.

Demand and reliability

To ensure that energy demands are met as the area grows, NGEMC plans years in advance. However, these plans are constantly evaluated and updated as demographic and economic circumstances change. New substations not only expand capacity but also provide backup for other substations. This is important to homes, schools, businesses, and to industry looking to locate or expand in the region.

Safety and health

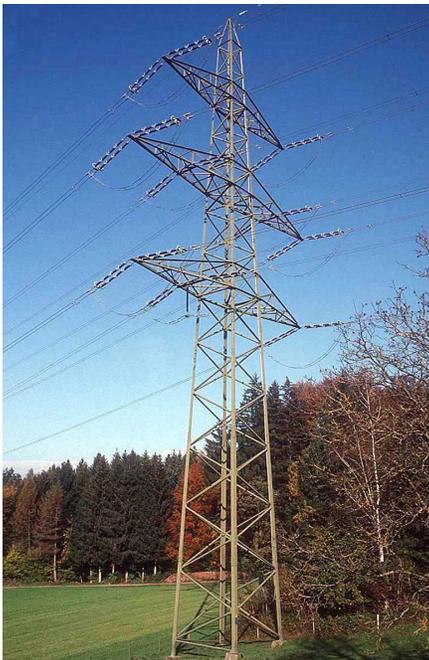
NGEMC provides information and resources that answer health and safety questions. Factual information and years of research about electric and magnetic fields (EMFs), for example, explain that the low levels emitted by power line equipment and their proximity to people on the ground cause less exposure to EMFs than even a cell phone or hair dryer.

Eminent domain and property rights

While most people can appreciate the difficulties landowners face when private property is needed for public purposes, they also can appreciate how difficult it would be to provide essential utilities without it. As of 2014 year-end, NGEMC has never exercised its right of eminent domain to build substations or distribution lines. We continue to strive for equitable agreements with landowners, using eminent domain only as a last resort.

Environment and natural resources

NGEMC takes all necessary measures to minimize environmental effects to the area and strives to preserve natural, historical and cultural resources. We work with community stakeholders to identify and mitigate the impact to key resources, while striving for greatest efficiency and low cost for all members.



**For Questions About
North Georgia EMC
Substation and Power Line Projects,
Contact Paul Ruud
Vice President, Engineering and Operations
706.259.3394, Ext. 1292
pruud@ngemc.com**



Dalton 706.259.9441; Fort Oglethorpe 706.866.2231; Calhoun 706.629.3160; Trion 706.734.7341

www.ngemc.com



A Touchstone Energy®
Cooperative

North Georgia EMC is an equal opportunity provider and employer.