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### Ohio State Engineer

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### **POWER LINE CARRIER CURRENT**

Power line carrier current enables transmission lines to carry voices and automatic signals as well as electric power. It is available for all kinds of emergency use in most major generating stations and substations.

Four of the most important jobs performed by carrier current on high voltage power lines are telephoning, relaying, telemetering, and supervisory control.

The equipment transmits impulses over the regular power lines at the military bases. These impulses are picked up by receivers which in turn operate relays to turn on or off the current flowing to electric lights, pumps, and other electrical apparatus.