

Electricity has leveled out the Continental Divide

**Notable G-E
Steam Road
Electrifications**

- 1896—Baltimore & Ohio Tunnel
- 1906—New York Central Terminal
- 1906—West Jersey & Seashore
- 1909—Great Northern
- 1910—Detroit River Tunnel
- 1911—Southern Pacific
- 1913—Butte, Anaconda & Pacific
- 1916—Chicago, Milwaukee & St. Paul
- 1917—Victorian Railways, Australia

HIGH among the bald peaks of the Montana Rockies, 6,000 feet above the sea, the high-speed, smokeless passenger trains and record-tonnage freight trains of the Chicago, Milwaukee & St. Paul wind their way up and over the Continental Divide, under electric power. These trains cross four hundred miles of the same mountain ranges that years before meant weeks of perilous travel to horseman or prairie schooner; over the same tracks where a few months before giant steam locomotives had faltered on the up-grades and heated their brakes to redness while descending.

To build the huge hydro-electric generators that convert the enormous power of the Upper Missouri into electric current for this electrification project, and to design, build and install an extremely high voltage long distance transmission system, dotted with many sub-stations, would have presented grave difficulties to an organization less experienced than the General Electric Company in large undertakings of this character. This company accepted its stupendous task with confidence in the outcome. Conservation of approximately half a million tons of coal a year is one of the epoch-making results.

Half a hundred G-E electric locomotives are daily climbing the Continental Divide, making faster time than their steam predecessors, hauling heavier loads, and by means of regenerative electric braking on the down-grades are returning power to the wires, effecting vast economies.

Immune to the biting cold that freezes motion from steam locomotives, freed from carrying tons of fuel and water, the trans-continental electric locomotive is now a 3,000 horsepower reality—another General Electric Company achievement



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GENERAL ELECTRIC COMPANY