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LARGEST AND SMALLEST ELECTRIC LOCOMOTIVES IN THE WORLD

There were some striking contrasts when the Midget and the Giant of the electric locomotive world were compared at the East Pittsburgh Works of the Westinghouse Electric and Manufacturing Company, recently.

With a capacity of $4\frac{1}{2}$ horsepower the Midget serves the purpose of a mechanical mule in various mining operations.

The Giant of the rails designed for the Virginian Railway, with a capacity of 10,000 horsepower, is the world's largest and most powerful locomotive. It will be used to haul a loaded train nearly two miles long over one of the heaviest grades in the country.

The contrast between the Virginian electric locomotive and its smaller prototype of the indus-

(Continued on Page 36)

LARGEST AND SMALLEST ELECTRIC LOCOMO-
TIVES IN THE WORLD

(Continued from Page 12)

trial field is indicated by the following figures: midget, 41½ inches long; its larger brother, 152 feet in length; weight of midget, one and one-half tons; weight of Giant, 637.5 tons. Midget's draw-bar pull, 400 pounds, Virginian locomotive's draw-bar pull 270,300 pounds. The small one derives its power from a 60 volt storage battery; the larger one from a 11,000 or 22,000 volts trolley.
