



# Three-Phase Transmission; A Practical Treatise on the Economic Conditions Governing the Transmission of Electric Energy by Underground and Overhead Conductors

By William Brew

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1911 edition. Excerpt: .we have an induction motor with one pair of poles. The speed of the rotating field is, therefore, equal to the frequency or/revolutions per second. It would, however, be oscillating in character, and therefore have no effective torque upon the disc if it were not for the shaded poles. The effect of the copper pole-pieces is to retard the magnetism of this portion of the pole-pieces, so o o o o o U CO W--that the resultant effect is that of a tuft of magnetism sweeping across the face of the pole-pieces, and dragging the copper disc with it. It is specially to be noted that the limiting speed which could be attained by the disc would be f revolutions per second, less the slip required to generate sufficient eddy currents in the disc to overcome the retarding forces of the suspended weight and...

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