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ELECTRIC POWER IN CANADIAN INDUSTRY.

By

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Electricity maintains its commercial supremacy as a source of energy, to the general public, as a convenience; to the manufacturer requiring a source of power, on account of its adaptability to his respective needs and by its economy in application; in the field of traction, by its operative simplicity, cleanliness and comparative silence and suitability to frequent short haul; to the electrometallurgist and electrochemist, by permitting of concentration of energy, simplification of processes and equipment, for its uniformity and control of results, and from its application in the production of materials unavailable from any other source. In communication and in therapeutics its field is absolute. Dominating all these elements of industrial power supremacy, cheapness of electrical energy is paramount.

In the study, from the Canadian standpoint, of the use of electric power and its generation and supply, it is necessary to analyse the make-up of the typical power load, such as may be found to comprise the greater portion of the aggregate loads throughout the Dominion.

In general, a mixed power load consists of domestic, industrial or power load, municipal service, commercial lighting and street lighting. The domestic load has, by energetic campaigning by the power distributing companies, been constructed into one involving no mean figures; the former incandescent-

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