

consider it one of the most efficient of its class on the continent. It serves purposes of instruction admirably, and although comparatively small has been found adequate to solve several important problems for local engineers and power companies. In the meantime, on the suggestion of the department, features have been incorporated in the permanent works of the Montreal Island Power Co. at the Back River, which will make it possible to construct a large-scale testing plant there, if this proves practicable in the future, at a minimum cost.

(c) Electrical Laboratories. At the beginning of the period under review, the electrical engineering laboratories had become so inadequate that laboratory instruction had to be curtailed, or omitted altogether in the case of certain groups of students. The erection of the new wing, housing four large laboratories with library, offices, etc., afforded ample space for the requirements of the department, and also relieved the Physics Building by the transfer of the Electrical Measurements Laboratory. The High Tension Laboratory was also enlarged. The equipment compares favourably with that of the best engineering schools except as regards the capacity of the transformer, which will be alluded to later. The cost of electrical laboratories