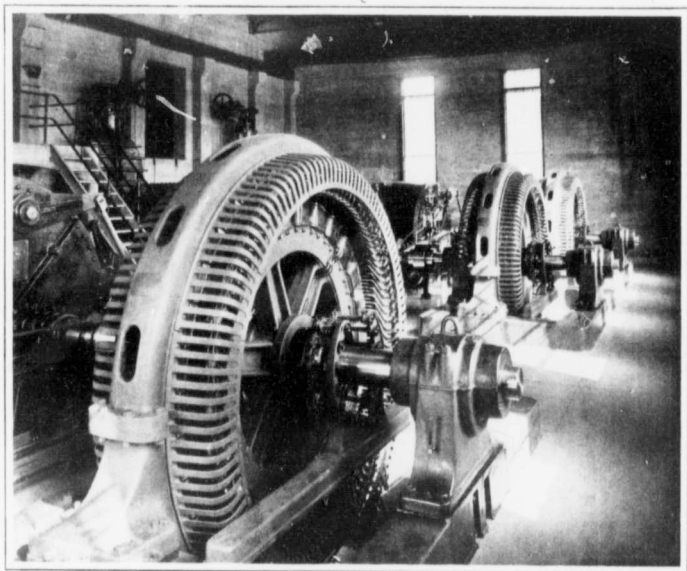




Interior View of Power House, Showing Units Nos. 1-2-3

2,700-horsepower was supplied by the Eugenia and Wasdell's Systems.

In 1912 a 22,000-volt transmission line was installed by the Orillia Light and Power Company between Big Chute Generating Station and their Ragged Rapids Generating Station for interchange of power. This tie-line has since been purchased by the Commission and connected to the Swift Rapids Generating Station, which replaced the Ragged Rapids Station. In 1917 the Severn System 22,000-volt transmission lines were connected to the Eugenia System at Collingwood Station. The Wasdell's Falls System has a 22,000-volt line connected to the Orillia Water and Light Commission's system at Orillia.

Thus the Severn System is connected to the Eugenia and Wasdell's Systems and also the Orillia Light and Power Company's system, and allows for an interchange of power, which enables the Commission to meet the increased demand and to provide first-class service with regard to character and continuity.

The original power development as installed under the supervision of the engineering firms of Messrs. C. H. Mitchell and P. H. Mitchell in 1900, 1910 and 1911 was as described in the following. It is also described in detail in the *Electrical News*, February, 1912, page 48, and in the *Canadian Engineer* in June, 1912, page 830.