

pany. In 1890 he came to the Michigan Central as assistant engineer of the Canadian division, and held that position until 1895, when he became supervising engineer for the T., H. and B. In 1898 he was appointed principal assistant chief engineer of the Michigan Central. In 1901 he left the engineering branch of the railway business to become assistant superintendent of the Canadian division of the Michigan Central Railway. He was next appointed assistant general superintendent of the Michigan Central in June, 1902, and in August, the same year, on the death of Chief Engineer Augustus Torrey, succeeded to the chief engineering position with the road. In April, 1905, he was appointed assistant general manager and at the same time chief engineer of the Michigan Central tunnel operations.

(Continued from Page 236).

NOVA SCOTIA CIVIL ENGINEERS

Hold Their Annual Meeting at Halifax and Elect New Officers.

The Nova Scotia Society of Engineers, who are meeting at Halifax this week, have elected the following officers for the coming year:—

President—J. W. McKenzie, Halifax.

First Vice-President—P. A. Freeman, Halifax.

Second Vice-President—W. G. Yorston, Sydney.

Secretary and Treasurer—J. Lorn Allan, Dartmouth.

District No. 1—Hiram Donkin, A. R. MacCleave, Halifax.

District No. 2—R. W. Mackenzie, D. McD. Campbell, Sydney.

District No. 3—A. G. Robb, Amherst; J. G. Mackenzie, Westville.

District No. 4—L. C. Gelling, Bridgewater; Percy E. Brown, Westville.

Auditors—Harry A. Russell, J. S. Meisner, Dartmouth.

Friday's programme was as follows:—

Morning, 9.30 to 12.30—Reading and discussion of the following papers:—"Water Powers of Nova Scotia," by W. G. Yorston, C.E.; "Recent Developments in Technical Education," by F. H. Sexton, director of technical education, Nova Scotia.

Afternoon Session, 2 o'clock—Meet at the telephone building and afterwards proceed by train line to visit the following industries:—Silliker Car Company, Halifax dry dock, Halifax Tram Company's power house, Nova Scotia Technical College.

Evening Session, 7.15—Dinner at Birchdale Hotel, N. W. Arm; **8.30**—Waegwoltic Club band concert, N. W. Arm.

ONTARIO POWER CO.

The Ontario Power Company, which is under contract to supply power to the Hydro-Electric Commission, and which owns all of the \$1,000,000 capital stock of the Ontario Transmission Company, and guarantees its bonds, has leased the properties, franchises and future undertakings of the transmission company to April 1, 1950, with the privilege to acquire the property after the bonds have been retired, or which may be issued shall have been paid and retired by the power company.

In consideration of this lease the power company agrees to pay to the transmission company by way of rent a sum calculated at the rate of \$2.50 per annum for each electrical horse power of the power company transmitted over the transmission company's lines.

The Ontario Power Company has \$5,621,000 capital stock outstanding, \$5,768,000 first mortgage 5s, and \$3,000,000 debenture 5s. For the year ended on June 30, 1910, the combined earnings of the two companies showed gross receipts from sale of power of \$704,000, an increase over 1909 of \$250,000, or 55 per cent.; net after expenses was \$522,000, an increase of \$349,000, or over 200 per cent. Surplus after charges was \$118,873, against a deficit of \$128,020 last year. In the figures

for 1909, appears a deduction of \$134,657 on account of flood damages. Excluding these deductions, the improvement in surplus amounted to \$112,236.

The company's sale of power now aggregates 61,500 horse power per month. Installations now in progress will increase this output to 82,000 horse power per month before the close of the year.

The monthly sales of power show improvement, in the United States, where the transmission lines extend as far as Erie, Pa., and Syracuse. The improvement shown in the Canadian provinces has, however, been marked. Over the Canadian-Niagara line sale of power has increased from \$1,653 in September last to \$10,347 in July of this year, over the Welland line from \$9,437 in September to \$10,968 in July, and over the Port Colborne line from \$1,893 to \$2,059. The total for all sales has increased from \$54,794 in September last to \$62,524 in July of this year.

WORLD'S PRODUCTION OF PIG-IRON.

Messrs. James Watson & Company, of Middlesbrough, Glasgow, Liverpool, and Swansea, have issued their annual statistics of the world's production of pig-iron. The figures relating to the leading producing countries have already appeared in our columns, but we reproduce them in the convenient tabular form in which they appear in the return, along with the outputs of the smaller producers. The totals in each case are compared with those of the previous year and of 1907:

	1907.	1908.	1909.
	Tons.	Tons.	Tons.
United States	25,781,301	15,936,018	25,795,470
Germany.	13,045,760	11,813,511	12,917,653
Great Britain	9,923,856	9,289,840	9,664,287
France.	3,588,949	3,344,145	3,544,638
Russia.	2,748,298	2,751,000	2,817,000
Austria and Hungary	1,789,165	1,952,750	1,947,300
Belgium.	1,427,940	1,182,311	1,632,350
Sweden.	603,400	563,300	443,000
Spain.	380,580	430,000	420,000
Canada.	581,146	563,672	677,000
Italy.	148,200	80,000	147,000
Japan.	42,919	147,217	150,000
India.	40,000	38,000	39,350
China.	62,148	66,409	74,000
Mexico.	16,238	16,615	58,850
	60,179,960	48,174,788	60,327,998

NEW INCORPORATIONS.

Montreal.—Lands, Limited, \$100,000; J. A. Guimond, B. Lefebvre, D. Semple. Mechanical Equipment Company of Canada, \$50,000; S. Davis, J. Presner, J. Franklin. Spanish Art Leather Co., \$20,000; J. Beaulac, O. Brunet, E. A. Marchildon. South Shore Lumber Co., \$20,000; H. E. Walker, Westmount; H. N. Chauvin, G. H. Baker. Montreal. Willis, Faber & Co., of Canada, \$100,000; R. Willis, H. J. Hague, S. L. D. Harris.

Regina, Sask.—The Lumsden Gravel Co., Limited, \$9,000.

Saskatoon, Sask.—Cousins Purchasers.

Callmount, Sask.—Weleyn Rural Telephone Co.

Audrey, Sask.—Audrey Rural Telephone Co.

Moose Jaw, Sask.—Carmel Rural Telephone Co.

Edmonton, Alta.—Lilge Rotary Engine, Limited.

Flying Shot Lakes, Alta.—The Clifford Improvement & particular advantages of the meters explained.