

Vernon has two fruit shipping organisations and a cannery, and offers splendid opportunities for similar institutions.

a class Vernon has attracted, and their settlement in the district has formed a social environment which constantly rejuvenates itself.

An example of the strides Vernon is making, is

afforded by a comparison of the building permits of 1912 with those of the previous year: Number of permits in 1911, 132; value \$202,982.00. Number of permits issued in 1912, 313; value \$416,122.00.

Vernon's Electric Light and Power System

UP TO the present time, Vernon has been lighted, and supplied with power, by steam generated electricity, but for more than a year this plant has been working at its full capacity, and the city has, this year, installed a new plant on the Diesel system, a description of which follows. The old plant will be kept in working order, and used in case of emergency. There were 568 electric light connections, using 7,310 lights, on January 1st, 1913.

Thus the City of Vernon now owns the most modern Electric Light Power Station in the Province of British Columbia, and equal to any in the Dominion.

The generating equipment consists of one 200 horse power and one 500 horse power oil engine, directly connected to alternating current generators operating in parallel. The engines are of the Diesel type designed to operate on the lower grade of fuel oil, and are the product of the best European manufacturers.

Messrs. Mather, Yuill & Co., Ltd., of Vancouver, are Consulting Engineers for the City.

Two factors influenced the choice of the oil engines for this plant; the first being economy of operation, and the second their suitability for reserve equipment, when the City shall eventually be supplied with water power. Vernon is thus in a position to offer attractive power rates to manufacturers seeking a location, with the assurance of practically uninterrupted service, as the oil engines may be started up and placed in service in five minutes in the event of failure of the water power. This advantage will be appreciated by those experienced in water power troubles.

An excellent water power, capable of producing twenty thousand horse power, is available at a distance of twenty-eight miles, and is now in process of development by the Canadian Northern Railroad. This will greatly facilitate industrial development and insure the supply of sufficient power for manufacturing purposes.