

domestic fuel, and even though the content of nitrogen is well above the average, any increase in the cost of fuel rapidly decreases the expected profits. Peat is a low grade fuel which must be manufactured and sold at a comparatively low cost, if it is desired that it should serve as a substitute for coal. It is evident, therefore, for the foregoing reasons, that the manufacture of peat fuel does not hold forth any glowing prospects for getting rich quickly, although reasonable and very good profits should in almost every case be realized when the industry is run on a business-like basis. But the element of speculation, and some of the commonly practised methods of promotion must be eradicated if the peat industry is ever to become an accomplished fact.

In order to encourage the peat industry of Germany, technical societies have been formed, which are under the supervision of the Government; and it is their function not only to educate the people in the uses and manufacture of peat, but to discourage and make impossible the acquisition of peat lands for purposes of speculation.

In one well known instance, the German Government has undertaken the development and cultivation of a large tract of peat land; and its aim is to put this, otherwise waste land, into condition for agricultural purposes. When the project is completed, this particular moor of large extent will be homesteaded by about 3,000 farmers. In order to further promote the interest of agriculturists, and make their lot a happier one, a central power plant is erected on the bog for the purpose of cultivating the entire bog and for operating the agricultural implements of the farmers. Power at this plant is generated entirely from peat, which is manufactured by the government, and sold to the power company for about \$1.25 per ton. The quantity of peat required to generate the power at present produced is about 60,000 metric tons annually, but when the plant is operating at maximum load: viz., 10,000 horse power, this quantity will be very greatly increased.

There are certain bogs in Canada, of very large extent, well suited for the manufacture of peat fuel for domestic purposes, and the production of power, and such bogs might be cultivated