

coal. The test was made on a coal burning grate which is not quite suitable for the burning of peat, inasmuch as the surface is entirely too large. The temperature of the boiler house when the peat was used stood at 69 above zero; when the coal was used it stood at 82 above, making a difference in favor of coal of 13 degrees. When the peat was used the weather was dull, when the coal was used the weather was bright and sun-shining,—this to those acquainted with steam is a very material difference in favor of the coal; notwithstanding, the 457½ lbs. of compressed peat kept steam up steadily at 85 lbs. exactly two hours, while the anthracite coal kept it steady at 85 lbs. for two hours six and one-half minutes only. Under similar conditions of temperature, with the proper type of grate, peat would have done as well if not better than the anthracite coal.

Compressed peat fuel produced by the Dickson process is equal to coal in its specific gravity, equal to coal in its calorific power, free from cinder and clinker, cleanly to handle, free from sulphur and phosphorus, contains all the volatile combustible elements found in the bog, cheaply and easily produced, filling the greatest want of the present day. We are looking forward to this new industry keeping millions of dollars in our own country, which at the present time is sent to our neighbors on the south of us; for whom however I entertain the highest regard, but until a closer union is established between the two countries, politically or commercially, we must look to the welfare of our own people. Time will not permit me to go further at present, but if you so desire it I will be pleased to furnish more particulars at another time.

On motion of the Secretary, a hearty vote of thanks was tendered to Mr. Dickson for his contribution, and to Mr. F. P. Buck and his associates of the local committee, for the admirable arrangements made for the reception and entertainment of visiting members of the Association during the meeting.

EXCURSION TO LAKE MEMPHREMAGOG.

On Friday morning visiting members and their lady friends, together with many prominent citizens of Sherbrooke, in all a party of some seventy ladies and gentlemen, participated in a delightful excursion to Newport and Lake Memphremagog.