(1) That we are in the midst of an enormous extension in electric power systems, and we may look forward to doubling the sale of electric energy in the next ten years. A good portion of the doubling will no doubt be in the large users of power, including perhaps the railways, but there will be a very large amount of increased power sold to individuals, due to the fact that the demand for each household using power is going to increase, and the use per capita from this cause alone will represent a very great number of kilowatt hours per annum.

(2) The problems of generation and transmission are fairly well solved.

(3) The problems involved in the organization of companies, in the reduction of expenses by the elimination of competition, and in the better cooperation of the government control, must all be met and solved successfully within the next few years, if the growth we see coming is to be realized in its greatest extent.

(4) One of the most difficult problems is the sale of electric energy in small quantities in isolated communities. This is of great importance because of the large number of people interested, and whose demands for such service must be taken into consideration. The problem must be solved by careful study and investigation, and by the recognition of all parties concerned that there are serious difficulties involved which necessarily cause the price of electric service delivered under these conditions to be high. The solution of these problems can only be satisfactorily arrived at by the co-operation of all of us, including the customer to whom we sell the power.

Montreal, June 8th, 1917.

Paper read at C. E. A. Convention