

SEE PROSPECT OF LOW EXPENSE FOR ELECTRIC POWER ON FARMS

Investigation in Many States of Theory That Use of Electricity in Every Possible Farming Function Will Reduce Cost for All Farmers.

Electricity for all the farms of the nation, by means of transmission lines to be extended from existing electric power systems, supplied by the big generating stations of the approaching super-power age, is the ambitious proposal put forward by several cooperating agencies which are making an investigation of the application of electricity to agriculture in its economic aspects. Already it has been declared that electric power service to farms can be put on a par with such service to city dwellers.



Electric Lights on Farm Not Enough

so far as expense is concerned, if farmers use it for as many operations as the farm as possible, instead of merely having electric lights or electric fans and stopping there. This point has been emphasized with the utmost earnestness by those seeking to make electric energy available for the farms of America through the transmission lines of the power companies. The interested agencies are several. They include the National Electric Light Association, the United States Department of Agriculture, the American Farm Bureau Federation, the American Society of Agricultural Engineers, professors of prominent universities and conspicuous manufacturers of farm implements.

What Makes the Cost Greater. Statements as to the general purpose and scope of the study undertaken by these interests have been made recently by Dr. G. E. Neff, of Wisconsin University, chairman of a joint committee on the relation of electricity to agriculture, and by Merlin H. Aylesworth of New York, executive director of the National Electric Light Association. They have dis-

SERMON BY RADIO WAS THEIR FIRST

"Down on the farm," to C. E. Brown, of Perry, Maine, means "down on the jump-off place." He is located twelve miles from Eastport, Me., on the shore of a lake in a locality made very much isolated during the winter because of impassable roads. With some of his family, he has been in the woods at a time.

To that family, shut out from outside communication for part of the year, the voice of WGY, the radio station of the General Electric Company at Springfield, N. Y., reaches regularly, taking profitable words and entertaining music. Voices and music come to their ears cheerfully and pleasantly by the "waves" over an air, or the weather over an ether.

There are several children in the family, and on a recent Sunday night the younger children heard a sermon for the first time. It was a WGY broadcast, "Not that they are perfect," says Mr. Brown, "but they have never been to a church."

It is demonstrated that by applying electric energy to all farm operations in which electricity can be of service, and to all possible duties in the farm household, the use of electric current will be so great that the power company will find it profitable to make the rates low. Otherwise, as already stated, the number of customers per mile of transmission line is so small in the country, as compared to the city, that the expense, and hence the rates, are much greater.

Solution Rests With Farmer

This puts the whole matter upon the shoulders of each individual farmer. Contrary to what the farmer might suppose, the more electricity he uses the cheaper he gets it—provided that every other farmer follows the same procedure. While it might cost every farmer in a given territory 35 cents a kilowatt hour for electricity if each of them used the electricity merely for electric lights in the farmhouse and the barn (because of the expense of building and maintaining the transmission line with only three customers per mile, compared to ten times that number in the city) it might cost each farmer only 15 cents

BIG BRASSTOWN.
Mrs. Bass Arrant has been very ill for several weeks but is improving rapidly.
Mr. Ruff Payne is very sick at this writing.
Mr. J. R. Teems has been crusty for several days but as he caught a fine mink last week he seems to be better.

Stubborn coughing



Do you have a stubborn cough? Do you have a sore throat? Do you have a hoarse voice? Do you have a dry, tickling cough? Do you have a cough that won't go away? Do you have a cough that is worse at night? Do you have a cough that is worse in the morning? Do you have a cough that is worse when you are tired? Do you have a cough that is worse when you are excited? Do you have a cough that is worse when you are angry? Do you have a cough that is worse when you are sad? Do you have a cough that is worse when you are nervous? Do you have a cough that is worse when you are worried? Do you have a cough that is worse when you are anxious? Do you have a cough that is worse when you are depressed? Do you have a cough that is worse when you are lonely? Do you have a cough that is worse when you are alone? Do you have a cough that is worse when you are in a crowd? Do you have a cough that is worse when you are in a noisy place? Do you have a cough that is worse when you are in a hot place? Do you have a cough that is worse when you are in a cold place? Do you have a cough that is worse when you are in a dry place? Do you have a cough that is worse when you are in a humid place? Do you have a cough that is worse when you are in a high place? Do you have a cough that is worse when you are in a low place? Do you have a cough that is worse when you are in a high place? Do you have a cough that is worse when you are in a low place?

Management, however, is important.

DR. BELL'S Pine-Tar Honey

Mrs. J. C. Zimmerman has been on the sick list all winter with rheumatism, but we are glad to see her improving now.

Mrs. G. W. Zimmerman enjoyed her 84th birthday February 22nd. She is in the best of health.

Mr. J. McCreigs and wife have returned from Ohio and are expecting to build a garage on Brasstown. Mr. Carl Zimmerman and Rowland Teems were pleasant visitors at M. A. Hampton's Sunday.

Mrs. Paul Penland is back on Brasstown after a long visit to her father, Mr. T. C. Moore, of Hayesville, and is now visiting Mrs. J. C. Zimmerman.

Mr. Johnson Logan and son, and Mr. Jim Zimmerman and son are leaving on Peaches.

We are glad Mr. Ben Fleming is able to stir around again.

ANNOUNCEMENT!

To My Friends and Customers: I wish to announce that I am a Candidate for political honors, but for business and patronage, I am still in the Wallpaper Business, and when thinking of past favors, I am not ungrateful of my friends who have been so generous and thoughtful of me in their kindness. With all indications as they appear to me now, I am looking for Nineteen

Twenty-Four to be the best year in the Wallpaper business yet, and with the unlimited stock of paper that I have at my command, and the experience that I have had in hanging paper, I am fully prepared to take care of all the jobs that are offered, either hanging or selling. So if you decide to elect me to sell you paper and hang it for you, I promise to do the job to the best of my knowledge and ability. Thanking you one and all for past favors, and hoping to merit your future consideration, I am Very truly your friend, W. S. GREEN. (26-41-p)

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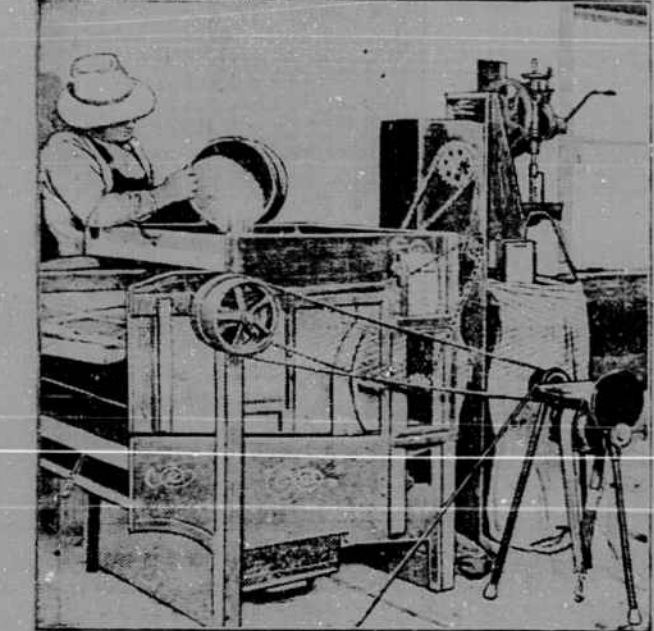
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There Must Be Electric Power Also

passed particularly the factors which make it difficult to furnish the farmer with electric energy as cheaply as it can be provided for the city and town user. "One mile of city distribution line ordinarily serves from thirty to one hundred customers," said Dr. Neff. "But one mile of distribution line in farming districts usually serves only three customers. It can be readily seen, therefore, that a power company can serve city customers more cheaply than rural customers. "But if farmers can use electricity for every possible farming purpose it seems likely that rural rates can be made so cheap that no farmer can afford to be without electric service, and every farmer can afford to have it. It is to prove or disprove this fact that the present investigation is being made." To Put Theory to Test This theory of securing electric service for farmers on a reasonable cost basis by electrifying the entire farm at the outset has many supporters. They are seeking, by the survey now proposed, to take the proposition out of the realm of theory and to establish it as a fact. If their theory is upheld then it will

a kilowatt hour if each of them used electricity, not only for lights, but also for washing machines, electric irons, vacuum cleaners, water systems, wood cutting, ensilage cutting, thrashing, milking, feed grinding, churning, cream separating and any other farm work possible. If this idea is found to be correct it will perhaps prove one of the biggest possibilities ever placed before the modern farmer. It will show a way out of the present dilemma—how to provide power line electric service on the farm at a cost which would make it economically justifiable to both farmer and power company. Great Co-operative Enterprise The co-operating interests making the present investigation propose to operate experimental rural transmission lines in about thirty states. Assistance is developing new methods of using electricity on the farm and of improving present devices will be rendered this undertaking by research laboratories, such as that of the General Electric Company. This will aid in solving the main problem from another approach. If the fundamental principle set up by the theory described is found to be so, no

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