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W. J. WEAVER, Owner and Manager

R. S. WEAVER, Assistant Manager

POWER COMPANY HAS BIG YEAR

Achievements of 1923 Re-
viewed in Monthly Copco
Publication.

NEW LINES BUILT

Douglas County Purchase Is
Outstanding Feature of
Company's Activities
During Past Year.

A review of the achievements of the California Oregon Power company during the past year is contained in the December copy of The Volt, the monthly publication issued by the company. The Volt was issued just prior to Christmas and at the top of the first page carried the picture of a large turkey in colors. In speaking of the record for the past year it states:

Although the greatest turkey-producing region in the world is said to be enclosed by the boundaries of Douglas county, Oregon, it was not to herald this fact that the grandest (for eating purposes) of all American birds is emblazoned on this issue of "The Volt." Incidentally, this county, habitat of the bird which is so hard to raise and so easy to eat, also was the scene of the company's most important transaction of the year—the acquisition of the properties of the Douglas County Light and Water Company, an account of which appeared in our July issue.

Somewhat as livestock is led out for review at the county fairs, we shall parade our achievements of the year down through these columns; we submit that because of their consequence to both the region and ourselves they merit a review which should come at no more "fading time than now."

For instance, to augment the service rendered through the previously mentioned properties acquired through purchase, the company constructed a 66,000-volt 230-line from its Prospect-Springfield transmission line; it extends from Dixonville, Oregon, to a new substation on the outskirts of Roseburg, Oregon, connecting up at the latter point with the transmission line of the Douglas County Light and Water company that was. This assures an abundance of current for Roseburg

and vicinity from our Prospect Power Plant via Line 12. Also we have constructed transmission lines from Roseburg south to Myrtle Creek and on to Riddle, to supply the towns under contracts mentioned in the July "Volt." This service was put in operation November 16. Two miles north of Myrtle Creek is located an important consumer of power from this line—one acquired last month—the Washburn and Hall Rock Quarry and Gravel Pit, which furnishes the Southern Pacific company with ballast. This load is for 175 H. P. to operate the crushing plant and machinery operated in conjunction with it.

Another line construction job of outstanding importance was completed this year by the company in Siskiyou county, California. This new line, which replaces our old Line 1, the pioneer line of Siskiyou county, built by one of our predecessor companies in 1903, extends from our Fall Creek and Copco Power houses to Montague, where a new substation has been built, thence to Yreka; and included in this transmission system is a new tap line from Ager to Hornbrook—a total of 33 miles of new line. From Hornbrook is a line constructed not many years ago and in good condition, which supplies the lumber mills and factory of the Fruit Growers Supply company at Hill, California, and the town of Hill. Indicative of growth here is the fact that the power load of the company mentioned is 1800 H. P. These operators now have practically a direct line from our Fall Creek and Copco power plants.

The new line 1 extends over a different route from the old one, having been relocated so as to make the right of way more accessible and less difficult to patrol. It is constructed to withstand the most severe storms that may come to the region, and this particular territory now has assurance of service that will compare favorably with that rendered anywhere on the entire Copco system. Also the line across the mountains to Scott Valley has been practically rebuilt, and this field, too, now has the virtual assurance of greatly improved service at all times. The new line 1 will be operated at 66,000 volts, while the old one was operated at 24,000 volts. As the conditions demand, it embodies the very best in the way of material and construction. It is built to weather the storms that on occasion provide too much for the line it has replaced. Current was turned on over the new line for the first time on November 13.

Perhaps of less import as a part of the whole system, but certainly of vital importance to the development of the regions immediately concerned are several other instances of line construction work to be noted as accomplishments of the year: There is the 66,000-volt transmission line built in Klamath county, Oregon, from Algoma north to Chilochin, a distance of 20 miles. It is an extension of Line 11 and supplies power to the Medford Lum-

ber company and other industries at Chilochin. And there is the 66,000-volt transmission line from our Grants Pass substation to the plant and quarry of the Beaver Portland Cement company, which recently began operations on Marble Mountain—near Wilderville, 13 miles southwest of Grants Pass. From this line we also supply the Sand Creek and Jerome Prairie units of the Grants Pass Irrigation District. There are four substations on this line and its construction necessitated the installation of additional equipment in the Grants Pass substation.

The foregoing should give readers a fair idea of what Copco has been accomplishing during the past year in the way of transmission line construction. It was most important work, and most significant, for the lines were in response to needs for current arising largely through the development of new industrial activities in the various fields concerned.

During the year the company purchased the so-called Kono Canal and Ankeny Canal at Klamath Falls. The contract covering this transaction was executed on July 10, as noted in Vice President McKee's letter to stockholders dated October 25. This was a part of our development program in the Klamath Falls division, a preliminary to the installation of a new generating station on Link river. The construction of this new power house will be one of the important features of our 1924 program. It will have a capacity of 4,500 horsepower and together with the present West Side plant figures to meet the important load required in and about Klamath Falls, where industry is now going forward at an amazing rate. The cost of the new plant will be in the neighborhood of a half million dollars, and it is hoped to have it in operation not later than June of next year.

The construction of a siltation dredge was another Copco accomplishment of the year 1923. This piece of equipment was designed for use on Upper Klamath lake, to deepen the log ponds and navigation channels, in furtherance of our lake regulation project, as provided for under the company's contract with the reclamation service of the department of the interior of the United States government. The dredge is now functioning as planned.

The growth of our business in the Klamath Falls division during 1923 is a very pleasant reflection of the industrial condition that at present maintains. The impetus taken by the white pine market largely explains the situation. The present in Klamath Falls is very satisfactory and the future outlook is exceedingly bright.

The famous Valley of the Rogue is not lacking of monuments bespeaking progress—both ours and the regions—during 1923. We installed additional transformer capacity in our Medford substation, increasing the total installed capacity here to 2,000 K. W. And more noticeable than the new electric equipment installed is the company's new

system warehouse in Medford, which was completed in July. This enables us to centralize the handling of electrical supplies kept in stock for use throughout the Copco system. The property is so situated that equipment arriving by rail can be handled economically by means of derricks and motor trucks; the warehouse lot is located on the main line of the Southern Pacific railroad. The building, which is nearly 200 feet long and 48 feet wide, is of corrugated iron construction. A portion of the floor space will be utilized for offices, thus increasing the available office space at our Home Office headquarters, the Copco Building, on West Main street. In addition to the warehouse the lot contains the company repair shop and pole yard, and there is ample room for further expansion of the warehouse and shop facilities.

It will be recalled that the Copco Power plant was completed near the end of last year, a new unit doubling the capacity of the plant having been installed. The new unit has been in successful operation ever since and our daily peak load has required full load on both units of this plant.

At opportune times during the last half of this year we have been reinsulating portions of transmission lines numbers 2, 3, and 4, extending into Siskiyou and Shasta counties, in California, and Klamath and Jackson counties, in Oregon. This work will be completed during the coming year, and make it possible to operate these lines at 66,000 volts, more than double their present capacity. On line 2 we installed new transmission switches at Castella and at Dunsmuir, in California, which improve our service to consumers in this section. Also to improve service to Grants Pass and the surrounding territory, we installed a new oil switch at Grants Pass at a cost of \$1,800, the amount being mentioned so that non-electrical readers may realize that it was a big little job.

Gold mining has been resumed to some extent in Siskiyou county, California, and in Jackson and Josephine counties, Oregon. Early in the year the Estabrook Gold Dredging company's dredger, located near Trinity Center, was reconnected for service after having been shut down for two seasons. Their load is 1,600 H. P.

During the year we completed an extension to La Moine, California, to serve the La Moine Lumber and Trading company. In addition to the power load taken on, displacing their old steam plant, we gained 30 new consumers—employees of that company. Also to be noted is the installation of an additional 300 H. P. at Castella, California, service to the Castle Crag Lumber company. Here too, the electric requirements of 30 residences are now met by Copco Juice.

The financial program for the year included the sale of an additional \$1,000,000 Series B-6 per cent bonds in October, to reimburse the com-

pany treasury for capital expenditures and to provide funds for purchasing the Douglas County Light and Water Company system. The preferred stock sales campaign continued and from January 1 to October 31 investors to the number of 384, nearly all consumers and residents of the field we serve, saw fit to become owners of these securities. At the beginning of the year there were 1,228 stockholders; on October 31 the number had grown to 1,612.

At the county fairs held recently at several points in the field of Cop-

co service the company was represented by exhibits, and accompanying them was an announcement as follows: "Our new industries department is working for the legitimate expansion of every industrial possibility; disclosing to investing capital the great raw material wealth of agriculture, timber and minerals." The department referred to was established during the year, the company realizing that certain knowledge gained in the course of rendering service qualified it to speak with understanding on matters per-

taining to opportunities in the field it serves. From our own standpoint, the new industrial department might be described as "Working for the development of Copco through development of the region."

The 125 sawmills reporting to the West Coast Lumbermen's association for the week ending December 22, manufactured 102,000 feet lumber; sold 97,101,584 feet and shipped \$9,309,121 feet. Production for reporting mills was 1 per cent above normal.

SERVICE

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Pleased!



"Nuthin' Else But"

During the time we have been in business we have given our many friends and customers the best of satisfaction as evidenced by our growing business.

WE TAKE THIS METHOD OF THANKING YOU FOR YOUR PATRONAGE AND WISH YOU A HAPPY AND PROSPEROUS NEW YEAR.

The Roseburg Grocery

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