

# 214 Tons Copper Wire To Be Used In Power Line

Building a heavy power transmission line like the \$1,400,000 project Pacific Power & Light company is rushing to tap new power resources for Central Oregon requires enormous quantities of materials far beyond the belief of the casual observer, according to figures released here this week by W. A. Luckaff, district manager for the company.

Take the copper wire that will form the actual pathway for additional electricity for this area, for instance. The heavy conductor for the 69,000-volt circuit with which the line is to be equipped for the present is roughly a half inch in diameter.

To string the new 59-mile line from the company's plant at the Cove on Crooked river to its Tygh valley hydro plant near The Dalles will take 214 tons of this heavy copper wire. That's nine carloads.

**Handled on Reels**  
The cable is handled on sturdy reels, each weighing just under a ton and spooling approximately half a mile of wire. At Madras, in one of the hangars at the air field, the Pacific company has about 140 of these reels stored ready for the construction crews, which last week started work on the south end of the line. Another equally large store of cable is in the Maupin warehouse for use on the north end of the line.

Well over a third of a million dollars is represented in this copper wire for the line alone, Luckaff said.

**Many Insulators Used**  
Thousand upon thousand of insulators go into construction of a heavy line of this type, too, to carry the heavy load of power safely from one plant to another. Each must be faultless to insure top performance of the circuit.

Packed six to a crate, some 7,000 of these highly glazed porcelain discs are stacked like cordwood in two great piles at Madras. Another similar "dump" has been established at Maupin.

Poles for the new power line to bring extra kilowatts to the Deschutes area represent a young forest. It will require about 1,200 of these tall straight cedar poles to build the entire circuit, Luckaff said.

The majority of the poles, those for the section being designed for eventual conversion to 250,000-volt operation, will run from 65 to 70 feet in height. Enough poles will be used to equal a solid pole more than 13 miles long.

**Construction Described**  
The line is to be of stout "H-frame" construction. It is so named because the individual structures—two wide-set poles connected by a cross-arm—resemble a series of H's marching along the right-of-way.

Crossarms for the structures are good-sized sticks in themselves.

es, 36 feet long and of both 4x10 and 4x12 size. In addition, thousands of pieces of miscellaneous items lumped together as "pole line hardware" are already on hand or are being assembled. These include nuts, bolts, brackets, anchors and the like. It all adds up to a big job.

## Sisters

Sisters, May 21 (Special) — Mr. and Mrs. Clarence May from Pomona, Calif., visited at the home of Mr. and Mrs. Sterling May and Mrs. Aurora May several days last week.

Little Kathy Welby of Eugene spent the week end at the home of Mr. and Mrs. Roger Carstensen. Kathy is Carstensen's niece.

Pat Metke and Harold Hansen from Seattle visited at the home of Mr. and Mrs. Robert Dodd over the week end.

Mr. and Mrs. Bert Hawes and daughters from Portland visited at the home of Mr. and Mrs. Eugene Hibbs and family last week.

The Bend Christian church boys' baseball team played the Sisters church boys' team at Sisters last Saturday. The Bend boys won with a score of 2 to 0.

Mrs. Sterling May was confined to her home Sunday due to illness.

Mr. and Mrs. Jim Williams and son from Alfalfa spent Saturday evening and Sunday at the home of Mr. and Mrs. George Carroll.

Baccalaureate services for the grade and high school graduating classes will be held at the Sisters Church of Christ Sunday evening, May 23, at 7:30 o'clock. Roger Carstensen will deliver the sermon.

Mr. and Mrs. Dean Kingsbury and son visited in Dallas over the week end. Their daughter visited at the home of Mr. and Mrs. F.

Henderson while the Kingsbury's were gone.

Visitors at the Oren Erickson home over the week end were Mr. and Mrs. Ray Brandt of Salem and Mr. and Mrs. Edward Marcouliers of Bend.

A P.T.A. executive meeting will be held Wednesday afternoon at the home of Mrs. J. deSully. At this time chairman committees will be appointed for the coming school year.

Mr. and Mrs. Lester Sherwood and son, Edward, of Cascadia and Mrs. A. E. Sherwood of Sweet Home were weekend visitors at the A. E. Sherwood home.

William Lamborn from Detroit visited his family in Sisters over the week end.

Mr. and Mrs. Albert Demaris and family, Mr. and Mrs. Loyd Hewitt and family and Eldon Lunday enjoyed a picnic and fishing trip at Lower Bridge on the Deschutes river on Sunday.

Mrs. C. N. Sorensen is visiting her daughter, Mrs. Kelsey Berland, in Enterprise several days this week.

Mr. and Mrs. Oren Erickson and their guests, Mr. and Mrs. Ray Brandt and family of Salem attended the banquet at the Sons of Norway hall in Bend Saturday evening.

Mr. and Mrs. Eugene Hibbs and family spent the week end in Lebanon visiting Mrs. Hibbs' brother and family, Rev. and Mrs. Henry Brown.

The Sisters post No. 8138, Veterans of Foreign Wars will hold their regular meeting Friday evening, May 21. All members are urged to attend this important meeting.

Rex Haley of Cascadia has been staying at the A. E. Sherwood home the past week. Haley has been helping Sherwood with the carpenter work on his new home.

Mrs. Gale Blakley and her

brother, Ralph Hudson, were recent dinner guests at the home of Mr. and Mrs. Guy McLaughlin.

Mr. and Mrs. J. C. Lusser from Long Beach, Calif., stayed at Sorensen's cabins last week.

## North Redmond

North Redmond, May 21 (Special)—Gorden Benson and Mr. and Mrs. Fred McDonald and family spent Sunday at Wickiup fishing.

Mrs. E. E. Heese was a Sunday dinner guest at the home of Mr. and Mrs. J. W. Schunk.

Mrs. S. S. Griffith of Bend spent Sunday at the home of her son, Paul.

Mrs. Oren Jones is still in Portland with her husband who is a patient in a hospital there.

Mrs. Lillie Ewing of Longmont, Colo., and Mary McCracken of Littleton, Colo., who have spent several days here visiting at the E. L. Pfaff home, left Tuesday for Salem where they will visit with a sister and will go on to Roseburg to visit a brother before returning to their homes in Colorado.

Mr. and Mrs. Lloyd Harold, Louise and Lois Ann, visited May 13 at the Paul Griffith home.

Mr. and Mrs. Edwin Dougherty of Redmond visited Saturday at the home of Mrs. E. E. Heese, Christian church orchestra.

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practice was held May 3 at the home of Mr. and Mrs. W. R. Naff, Sr., in Redmond.

Mrs. E. L. Pfaff is teaching school at Lower Bridge for the remainder of the season.

Mr. and Mrs. John Bueher of Grass Valley were weekend end guests of Mrs. E. E. Heese.

Mr. and Mrs. Frank Corwin attended church at Lone Pine Sunday and visited in Madras with relatives.

Mrs. Margie Magill of Terrebonne took her mother, Mrs. E. L. Pfaff and house guests, Lillie Ewing and Mary McCracken to visit Petersen's rock gardens Saturday afternoon.

Clara Dexter and Shirley Jones went with the 7th and 8th grade P. E. class to Suttle lake Saturday for a hike. Their teacher, Mrs. Nellie Sly, was their chaperone.

Mr. and Mrs. Vance Corwin and family were May 18 dinner guests at the Frank Corwin home.

Mr. and Mrs. Dan Woods of Bend were recent visitors at the Frank Corwin home. Mrs. Woods and Mrs. Corwin are sisters.

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## Katy Freight Trains Go Radio-Modern

St. Louis (AP)—Two-way high frequency radio equipment will be installed on all Missouri-Kansas-Texas freight trains to promote operating safety and efficiency, President Donald V. Fraser announced.

He called tests with a locomotive-to-caboose communication system "highly successful." It will save hours of operating time by eliminating hand signals and the carrying of messages from conductor to engineer on foot, he said.


Two Katy freight locomotives and cabooses already have been equipped with the system, which costs \$8,000 per train.

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Concord, N. H. (AP)—During the 10-day open season this year, New Hampshire trappers caught \$58,000 worth of beaver pelts. They took 1,298 beavers.

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