

for an electric light and power franchise to the Passaic Board of Works. The company has been granted permission to erect a large dam across the Neversink River, near Bridgeville, N. Y., and in connection proposes to erect a large hydroelectric power plant with transmission and distributing system in Northern New Jersey. A railroad line will also be built.

ST. CHARLES, VA.—The Electric Transmission Company, organized at Bristol as a result of the efforts of Benjamin L. Dulaney, a Bristol millionaire, and other capitalists interested in the development of the Lee County, Va., coal fields, has just let contracts for the erection of a central electric power plant at the pit mouth, near this place. Besides providing power to all operators in Lee County, transmission lines will be extended to Toms Creek, Stonema and other districts, and the present individual steam plants will be eliminated. This unit of construction involves an investment of about \$300,000. Later the transmission lines are to be extended to Bristol and Knoxville and into the Piedmont and Appalachian sections, to give auxiliary power to the water powers already developed. When this is done the company will have expended upwards of \$1,000,000.

GREAT FALLS, MONT.—Plans are being formulated by the Montana Power Company for the construction of a double power-transmission line, 150 miles long, as a result of a contract recently obtained by which the Great Falls Power Company secures the rights of way over the public domain for its power-transmission lines to be used in the electrification of the Chicago, Milwaukee & Puget Sound Railway. The Montana Power Company controls the Butte Electric & Power Company, the Madison River Power Company, the Missouri River Electric & Power Company and the Billings & Eastern Montana Power Company. It has an authorized capital of \$75,000,000 common stock and \$25,000,000 preferred stock, of which there are outstanding \$4,700,000 preferred stock and \$27,134,000 common stock. The consolidation of the subsidiary companies under the Montana Power Company and the close affiliation of the Great Falls Power Company make possible the electrification of the 450 miles of railway line.

GRAND JUNCTION, COLO.—Fred L. Lucas, of Denver, is the engineer in charge of a project for the irrigation of 200,000 acres of land in Dolores County and extending north to the Southern limit of the Paradox Valley, by a \$6,000,000 hydroelectric power plant to be built a few miles above the town of Dolores on the Dolores River, in connection with the general centralization of electric and power plants in western Colorado. A corps of 40 engineers is at work on the undertaking. It is understood that the president of the Atchison, Topeka & Santa Fe Railroad is president of the irrigation company, which is to install the Dolores project. Mr. Lucas also is connected in an engineering capacity with the Utah Light & Power Company, the new \$40,000,000 corporation that is obtaining control of many electric plants in western Colorado. He is negotiating for the purchase of the Redlands power plant near this city. The Redlands plant furnishes power for pumping water 300 feet to irrigate 10,000 acres of land.

TELEPHONE AND TELEGRAPH.

(Special Correspondence.)

ALPINE, TEX.—The Pecos & Rio Grande Telephone Company is preparing to install a direct copper line to Marfa.

ELSINORE, CAL.—The Southwestern Home Telephone Company has been granted permission to operate in this city.

VISALIA, CAL.—The Woodlake Telephone Company which was organized a short time ago is preparing to install an up-to-date system.

COSMOPOLIS, WASH.—The North River Telephone Company, having a capital stock of \$2,500, has been organized with offices here.

BURNET, TEX.—The Smart Telephone Company of this place has been sold to A. L. Collins, of San Angelo, who will extend and improve the system.

COKATO, MINN.—Farmers in the vicinity of Lake Sylvia are talking over plans to build a telephone line to connect with the Annadale exchange.

BAKERSFIELD, CAL.—Bids will be received up to February 10 for a 50-year franchise to operate a telephone line over certain public highways in Kern County.

LEONARD, N. D.—Owners of the different telephone lines centering at Leonard have decided to install a switchboard to connect all the lines with the long-distance system.

WILTON, N. D.—Farmers in this vicinity have organized the Grass Lake Rural Telephone Company. So far \$1,100 has been raised. Amod Thor is president and John Noon, secretary.

HADDONFIELD, N. J.—The Borough Council has voted to accept a proposition tendered by the Keystone Telephone Company for the installation of a police and fire alarm system.

BRECKENRIDGE, MINN.—The County Commissioners have arranged to build a telephone line to the poor farm. Judson Smith of the first district is the new chairman of the board.

NEWARK, N. J.—The Common Council has adopted a resolution to investigate the possibilities of an underground conduit system for all municipal overhead lines, including police and fire-department service.

SAN DIEGO, CAL.—The Pacific Telephone & Telegraph Company is planning to erect a \$40,000 sub-station on University Avenue. It is reported the new station will entail an outlay of approximately \$138,000.

ATKIN, MINN.—The Lone Lake Telephone Company has been organized and will build a line into Aitkin, and have connection with the Aitken-Deerwood Company's wires. E. A. Swanson is president.

DALLAS, TEX.—The Dallas Automatic Telephone Company has adopted plans for doubling the capacity of its exchanges in this city. The enlarged plant will provide for 20,000 telephones.

VANCOUVER, B. C.—J. A. Thorne has been instructed by the Dominion Telegraph Company to investigate the most feasible route for a telephone and telegraph connection with the wireless station at Dead Tree Point from the north end of the island, and to give estimate of the cost of same.

ELECTRIC RAILWAYS.

(Special Correspondence.)

ANTIOCH, CAL.—The Oakland, Antioch & Eastern Railway Company has been granted a franchise over certain streets in this city.

PACIFIC GROVE, CAL.—The Monterey & Pacific Grove Railway Company has been granted a franchise for an electric railroad in this city.

SANTA BARBARA, CAL.—A survey is being made for the extension of the street car system to the Normal school, and construction work will start as soon as possible.

RANIER, MINN.—The Village Council passed an ordinance granting to the American Traction Company right to construct and maintain a system of street railways within the village.

INDIANAPOLIS, IND.—The Universal Traction Company has been incorporated with a capital stock of \$50,000. The incorporators are Truman B. Funk, William D. Myers and James E. Kepperly.

NASHVILLE, TENN.—The Nashville & Gallatin Railway Company, now constructing a line between Nashville and Gallatin, is planning extensions of its system through Kentucky to Indiana.

PHOENIX, ARIZ.—C. C. Lewis, president of the Salt River Valley Electric line, known as the "White Line," has asked for a right of way over county roads between Phoenix and Mesa, via Tempe.

PADUCAH, KY.—A bond issue of \$1,500,000 has been authorized by the Kentucky Southwestern Electric Railway, Light & Power Company and the funds therefrom will be expended in the spring in the construction of new electric railways and other electrical work which is to be commenced in April.

TULSA, OKLA.—Improvements contemplated by the Tulsa Street Railway Company during the year of 1913 will cost approximately \$100,000, according to the statement of one of the officials of the company. Probably the most extensive improvement planned is the extension of one of the car lines through East Tulsa into Belleview addition.

OMAHA, NEB.—Harvey Musser, of Akron, O., president of the Omaha, Lincoln & Beatrice Interurban Railroad Company, has presented a proposition to the State Railway Commission to issue \$3,100,000 of stocks and bonds for the purpose of constructing the proposed line. Associated with him in this enterprise is S. W. Ladd, of Detroit, representing a construction company which may agree to build the line in return for stock and bonds. The interurban company has not perfected its plans, but a formal application will be made to the State Commission in the immediate future.

SHARON, MASS.—The electric car line from Sharon Heights to the Canton line at East Sharon, and the line from the Norwood and Canton town lines to Bay street, Norwood Centre, belonging to the Sharon, Canton & Norwood Street Railway Company, have been acquired by M. A. Cavanagh, of Boston; Joseph B. Murphy, Thomas F. Cavanagh, James T. Dunn and Colonel P. Corr, of Taunton. Plans have already been drawn up by the new owners to extend the tracks through to Taunton, making a long de-