

MINUTE ITEM

10/27/66

22. APPLICATION FOR OVERHEAD-WIRE-CROSSING EASEMENT, STATE SCHOOL LAND, SAN BERNARDINO COUNTY; SOUTHERN CALIFORNIA EDISON COMPANY - W.O. 6332, P.R.C. 3649.2.

After consideration of Calendar Item 20 attached, and upon motion duly made and carried, the following resolution was adopted:

THE EXECUTIVE OFFICER IS AUTHORIZED TO ISSUE TO SOUTHERN CALIFORNIA EDISON COMPANY A 15-YEAR EASEMENT AT A TOTAL RENTAL OF \$964.20, FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF AN OVERHEAD ELECTRIC POWER LINE, WITH THE RIGHT OF RENEWAL FOR THREE PERIODS OF 10 YEARS EACH, OVER THE FOLLOWING-DESCRIBED LAND:

THAT PORTION OF A STRIP OF LAND TWO HUNDRED NINETY (290) FEET WIDE, THE SIDE LINES THEREOF BEING TWO HUNDRED TEN (210) FEET NORTHWESTERLY AND EIGHTY (80) FEET SOUTHEASTERLY, MEASURED AT RIGHT ANGLES, RESPECTIVELY, FROM THE SURVEYED REFERENCE LINE BEING HEREINAFTER DESCRIBED EXTENDING OVER AND ACROSS SECTION 16, TOWNSHIP 13 NORTH, RANGE 13 EAST, SAN BERNARDINO BASE AND MERIDIAN, THE SURVEYED REFERENCE LINE OF SAID STRIP OF LAND BEING DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF SECTION 31, TOWNSHIP 14 NORTH, RANGE 14 WEST, SAN BERNARDINO BASE AND MERIDIAN, SAID POINT BEING NORTH  $88^{\circ} 44' 14''$  EAST 1,322.51 FEET, MEASURED ALONG SAID SOUTHERLY LINE FROM A TWO AND ONE-HALF INCH IRON PIPE AND METAL TAG STAMPED "R.E. 7208" SET AT THE SOUTHWEST CORNER OF SAID SECTION 31; THENCE SOUTH  $59^{\circ} 06' 20''$  WEST 47,698.18 FEET TO A POINT; SAID POINT BEARS NORTH  $3^{\circ} 17' 09''$  WEST 3353.66 FEET MORE OR LESS FROM A U.S.C. & G.S. BRASS CAP MONUMENT SET AT TRIANGULATION STATION "MARL".

Attachment  
Calendar Item 20 (2 pages)

APPLICATION FOR OVERHEAD-WIRE-CROSSING EASEMENT, STATE SCHOOL LAND, SAN BERNARDINO COUNTY; SOUTHERN CALIFORNIA EDISON COMPANY - W.O. 6332.

Southern California Edison Company has applied for a 290-foot easement for a 500 kv electric transmission line across 30.87 acres of State school land in Section 16, T. 13 N., R. 13 E., S.B.B.& M., San Bernardino County (Exhibit "A").

The applicant has offered the following statement relating to the comparative cost of overhead to underground construction:

"The highest voltage at present utilized for sub-surface (underground or submarine) transmission in this country is 345 kv.

"Extending the voltage levels to 500 kv involves technological problems that would require further years of research and development in order to bring this voltage class of cable and accessories into the realm of practicability. Research is now in progress which is pointed toward meeting this objective but at the present, both cables and accessories are not available for manufacture commercially. As with 115 and 230 kv cables, areas of rugged terrain will present situations in which an underground system is not technically feasible.

"Since 500 kv cable systems have not yet been developed by the cable and accessory manufacturers, cost estimates can be made only on a theoretical basis. In view of the large power transmitting capabilities of a 500 kv bundled conductor overhead system, 3 to 4 underground circuits would be required for an equivalent system. Cost ratios of a sub-surface installation to an overhead installation cannot be estimated within practical limits of accuracy at our present level of technology."

A staff appraisal indicates a value of \$971, which results in an annual rental of \$64.28, or a total of \$964.20, for the initial period of 15 years. The lease will provide for three renewal periods of 10 years each.

IT IS RECOMMENDED THAT THE COMMISSION AUTHORIZE THE EXECUTIVE OFFICER TO ISSUE TO SOUTHERN CALIFORNIA EDISON COMPANY A 15-YEAR EASEMENT AT A TOTAL RENTAL OF \$964.20, FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF AN OVERHEAD ELECTRIC POWER LINE, WITH THE RIGHT OF RENEWAL FOR THREE PERIODS OF 10 YEARS EACH, OVER THE FOLLOWING-DESCRIBED LAND:

THAT PORTION OF A STRIP OF LAND TWO HUNDRED NINETY (290) FEET WIDE, THE SIDE LINES THEREOF BEING TWO HUNDRED TEN (210) FEET NORTHWESTERLY AND EIGHTY (80) FEET SOUTHEASTERLY, MEASURED AT RIGHT ANGLES, RESPECTIVELY, FROM THE SURVEYED REFERENCE LINE BEING HEREINAFTER DESCRIBED EXTENDING OVER AND ACROSS SECTION 16, TOWNSHIP 13 NORTH, RANGE 13 EAST, SAN BERNARDINO BASE AND MERIDIAN, THE SURVEYED REFERENCE LINE OF SAID STRIP OF LAND BEING DESCRIBED AS FOLLOWS:

CALENDAR ITEM 20. (CONTD.)

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF SECTION 31, TOWNSHIP 14 NORTH, RANGE 14 WEST, SAN BERNARDINO BASE AND MERIDIAN, SAID POINT BEING NORTH  $88^{\circ} 44' 14''$  EAST 1,322.51 FEET, MEASURED ALONG SAID SOUTHERLY LINE FROM A TWO AND ONE-HALF INCH IRON PIPE AND METAL TAG STAMPED "R.E. 7208" SET AT THE SOUTHWEST CORNER OF SAID SECTION 31; THENCE SOUTH  $59^{\circ} 06' 20''$  WEST 47,653.18 FEET TO A POINT; SAID POINT BEARS NORTH  $3^{\circ} 17' 09''$  WEST 3333.66 FEET MORE OR LESS FROM A U.S.C. & G.S. BRASS CAP MONUMENT SET AT TRIANGULATION STATION "MARL".