21. APPLICATION FOR OVERHEAD-VIRE-CROSSING EASEMENT, STATE SCHOOL LAND, SAN bernardirio counity southeri califoraia edison company - i.o. 6331, p.r.c. 3648.2.

After nonsideration of Calendar Item 19 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 RENIAL OF \$832.20, FOR THE CONSTRUCTION, OPERATION, ARD MAINTMANCE OF AN OVRRHEAD ELECTRIC POTER LIIE, HITH THE RIGHT OF RONETAL FOR THREE PERIODS OF 10 YEARS EACH, OVER THE FOLIOWINGDESCRIBED IAND:

THATP PORTION OF SECTION 36 , TOMMEHIP 11 MORTH, RA 88 EAST, SAN barimardino base akd meridiant described as foizows:

EEGTHING AT A POINT TH THE YESTERLY LINE OF SAID SECTION 36 , SATD POINT BETMG A MOUND OF STONE SET AT THE TEST ONE-QUARIER CORNER OF SATH SECTTON 36; THENCE NORTH $2^{\circ} 26^{\prime} 49^{\prime \prime}$ IEST 740.18 FEET, IMASURED ALONG SATD VESTERLY LINE; THENCE NORTH L. $6^{\circ} 59^{\circ}$ $35^{\prime \prime} \mathrm{EAST} 629.77 \mathrm{HEET}$; THENCE NORTH $57^{\circ} 21^{\circ} 35^{\prime \prime}$ EAST 2, 880.48 HEET MORE OR LESS TO A POINT IN THM NORTHERLY LITEE OF SAID SECTION 36, SATD POINT BETNG TORTH $89^{\circ} 00^{\circ} 35^{\prime \prime}$ EAST 333.63 fEex, MEASURED ALONG SATD MORTHERLY LITM FROM A U.S.G.I. O. BBASS CAP MOIMEMT SET AT THT MORTH OUE-RUARITR CORIER OF SAID SECTION 36; THENCE NORTH $89^{\circ} 00^{\prime} 35^{\prime \prime}$ EAST 1,357.49 HEET MOFE OR LESS IEASURED ALOMG SAID NORTHERLY LINE TO A POINT, SAID POINT BETIGG SOUTH $89^{\circ}$ $00^{\prime} 35^{\prime \prime}$ TEST 1, 243.63 FEET, MEASURSD ALOIG SAID NORTHERUY LIIE FROM A U.S.G.L.O. BRASS CAP ROIUIENT SET AT THE MORTHEABT CORIER OF SAD SECTION 36; HENCE SOUTH $57^{\circ} 40^{\circ} 45^{\prime \prime}$ WEST 3,974.38 HEET HORE OR YESS TO A LINE PARALTEL MTIT AND SIX HJIDRED IVITETY (690) FEET SOUTHEASTERLY, NEASURED AT RIGHT ANGLES, FROM SAID COURSE HAVIIIG A BEARIITG OF NORTH $46^{\circ} 59^{\circ} 35^{\prime \prime}$ EAST AND A LEMGTM OF 629.77
 MEASURED ALONG SAID PARALLEL LIIIE TO A ITMI INT THE 煺STERLY LINE OF SAID SECTION 36, SAID POINT EETIVG SOUTH $2^{\circ} 33^{\circ} 03^{\prime \prime}$ EAST 167.79 FEET, MEASURED ALONG SAID WESTERLY LINE FROM SAID IEST ONE-QUARTER CORIER; THEMCE MORTM $2^{\circ} 33^{*} 03^{\prime \prime}$ VEST 167.79 FEET, MEASURED ALONG SAID IESTERLY LIIE 167. Th FEET, TO THE POINT OF BEGINNENG.

Attachment
Calendar Item 19 (2 pages)

APPIICATIONT FOR OVERIEAD-HIRE-CROSSING EASEMENT, STEATE SCHOOL JAND, SAN beriardimo county; southern california edison compait - W.0. 6331.

Southern California Edison Company has applied for a 690-foot easement for a 500 kv electric transmission line across 26.6 acres of state school land in Section 36, T. 11 M., R. 8 E., S.B.B.\& K., San Bernardino County (see Exhibit " $A$ ").

The applicant has offered the following statement relating to the comparative cost of overhead so underground construction:
"The hichest voltage at present ntilized for sub-surfaee (underground) or submarine) transmission in this country is 345 kv .
"Extending the voltage levels to 500 ky involves technological problems
that ronld require further years of researci and development in order
to bring this voltage class of cable and accessories into the realn of
meeting this objective but at the present, both cables anc. accessories
are not available for manufacture comercially. As mith 115 and $2,50 \mathrm{kv}$
cables, areas or mogged terrain will present situations in wich on
underground system is not tecinically 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 vasis. In viev of the large power transmititing capabilities of a 500 kv bundled conductor overhead system, 3 to $b$ underground circuits would be required for an equivalent system. Cost ratios of a sub-surface installation to an overhead installation camot be estimated within practical limits of accuracy at our present level of tecanology."

A stanf appraisal indicates a value of $\$ 38$, which results in an annual rental of $\$ 55,48$, or a total of $\$ 352.20$, for the initial period of 15 years. The leane mill provide for tiree reneval periods of 10 years each.

IT IS REDOMENDED THAT THE COMISSION AUTHORIZE THE EXECUTIVE OFFICER TO ISSUE TO SOUTHERN CALIFONNIA EDISON COMPANY A 15 -YEAE EASEMENT, AT A TOTAL RENTAL OF
 HLECTRIU POHER LINE, TITH THE RIGFI OF RENEVAL FOR THREE PRERIODS OF 10 YEARS EACH, OVER THE FOLLOHIIG-DESCRIEED LAND:

THAT SORTION OF SECTION 36 , TOMSSHP 12 HORTM, RANGE 8 EAST, SAN BERIIARDIIO BASE AID MERIDIAIT, DESCRIBED AS FOLLOMS:
beginming ar a point in the fesuerly line of said gecmion 35 , satd FOINT BETNG A MOUD OF STOIE SET AT HE THEST OIE-GUARTEFR SORNER OF GAID SECTION 36; THEMCE NORTH $2^{\circ} 26^{\circ} 49^{\prime \prime}$ TEST 740.18 FITS, JEASURED ALONG SATD WESTERLY LITES THEHCP HORTH $46^{\circ} 59^{\prime} 35^{\prime \prime}$ EAST 629.77 FEET; THEMCE HORTH $57^{\circ} 21^{\prime} 35^{\prime \prime}$ EAST $2,880,48$ FEET MORE OR LESS TO A POINT

## CAIENDAR ITHR 19. (COMm.)

IN THE MORTHERLY LINE OF SAID SECHION 36 , SAID POTNT BEING MORTH $89^{\circ}$ $00^{\circ} 35^{\prime \prime}$ EAST 333.63 EEET , MEASURED ALONG SAID MORIHERTY LIXX FROM A U.S.G.L.O. BRASS CAP YONUMENT SET AT THE HORTH ONE-QUARTER CORAER OF SAID SECTION 36; THRNCE HORTH $89^{\circ} 00^{\circ} 35^{\prime \prime}$ EASTI 1,357.49 FEET MORE OR LESS MEASURED AIOXG SIID NORTHERTY IINE TO A POINT, SAID POTNT BEING SCJIIH $89^{\circ} 00^{\circ} 35^{\prime \prime}$ WEST 2,243.63 FEET, MEASURED ALONT SAID NORTHERIIY IINE FKOM A U.S.G.I.O. BRASS CAP HOMOMENT SET AT THE NORTHEAST CORNER OF SAID SECTION 36; THENCE SOUTH $57^{\circ} 40^{\circ} 45^{\prime \prime}$ TEST $3,974.38$ hent MORE OR LESS TO A EINT PARALIEL YITH AND SIX HUNDRED NINETY ( 650 ) EMET SOUTHEASTBRUY, JEASURED AT REGHT ANGIES, FRROM SAID COURSE HAVING A BEARIN OF HORTH $46^{\circ} 59^{\circ} 35^{\prime \prime}$ EAST AND A IENGTH OF

 SATD SECTION 36. SATD POINT BETMG SOUTH $2^{\circ} 33^{\circ} 03^{\prime \prime}$ EAST 167.79 FEET,
 THENGE HORTH $2^{\circ} 33^{\prime} 03^{\prime \prime}$ WEST 167.79 EBET, MEASURED ALONG SAID VESTERLY


