

ORIGINAL

Decision No. 59801

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Investigation of natural gas and electric extension rules of California-Oregon Power Company, California-Pacific Utilities Company, California Electric Power Company, Pacific Gas and Electric Company, San Diego Gas & Electric Company, Sierra Pacific Power Company, Southern California Edison Company, Southern California Gas Company, Southern Counties Gas Company of California and Southwest Gas Corporation.

Case No. 5945

In the Matter of the Application of SOUTHERN CALIFORNIA GAS COMPANY for authority to file and place in effect, in accordance with General Order No. 96, revised tariff sheets covering the rules and regulations relating to gas main and gas service extensions.

Application No. 37604

In the Matter of the Application of SOUTHERN COUNTIES GAS COMPANY OF CALIFORNIA for authority to file and place in effect, in accordance with General Order No. 96, revised tariff sheets covering the rules and regulations relating to gas main and gas service regulations.

Application No. 37605

(Appearances and Witnesses are Listed in Appendix F)

OPINION ON REHEARING OF DECISION NO. 59011

Petitions for Rehearing

Petitions for rehearing of Decision No. 59011, dated September 15, 1959 in the above-entitled proceedings were filed by both the California Electric Power Company and the Pacific Gas and Electric Company on September 25, 1959; by Southern California Gas Company and Southern Counties Gas Company of California on October 2, 1959^{1/}, and by Southwest Gas Corporation on October 7, 1959.

1/ A supplement to the petition filed by Southern California Gas Company and Southern Counties Gas Company of California was filed on October 5, 1959. These two companies are sometimes referred to herein as the southern gas companies.

The petition of California Electric Power Company, alleging that the decision is unsupported by the evidence in certain respects, asks the Commission to amend Appendix B of the decision, page 2, Item 26, by inserting the figure "12" in lieu of "33" thereby making 12 kv the maximum voltage of its distribution lines to which the footage basis in Electric Rule No. 15^{2/} would apply.

Pacific Gas and Electric Company, in its petition alleges that the decision is unlawful in that there is no evidence in the record to support (a) the form of rule applicable to gas main and service extensions to serve interruptible customers^{3/}; (b) changes in the rule applicable when transformers, meters and services are included in an underground electric line extension^{4/}; and (c) the reasonableness of including an alternative provision that where the completion of a subdivision is expected within six months, the subdivider may post a bond in lieu of advancing cash.^{5/}

The petition of Southern California Gas Company and Southern Counties Gas Company of California asserts that the decision is unlawful in that there is no evidence in the record to support the reasonableness of (a) a mandatory requirement for advances or for posting bonds in all cases for subdivisions, tracts, housing projects and multi-family dwellings^{6/} and of (b) a requirement for uniform

^{2/} Appendix A of Decision No. 59011.

^{3/} As found in Gas Rule No. 15, Section D.2, Appendix C of Decision No. 59011, pages 5 of 10 and 6 of 10 and Appendix D of Decision No. 59011, page 2 of 2, Item No. 16.

^{4/} As found in Electric Rule No. 15, Section D.2.a., Appendix A of Decision No. 59011, page 7 of 10.

^{5/} As found in Electric Rule No. 15, Section C.1.a., Appendix A of Decision No. 59011, page 5 of 10 and Gas Rule No. 15, Section C.1.a., Appendix C of Decision No. 59011, page 4 of 10.

^{6/} As found on page 28 of Decision No. 59011, Finding and Conclusion 7 and in Gas Rule No. 15, Section C.1.a., Appendix C of Decision No. 59011, page 4 of 10.

service allowances for all gas utilities and a requirement for an application for firm gas service.^{7/} Southwest Gas Corporation raised the same issues generally in its petition as those raised by the two southern gas companies.

By order of October 6, 1959, rehearing of Decision No. 59011 was granted. Thereafter, on October 9, 1959, Southern California Edison Company filed a petition for modification of the order of October 6, 1959 granting rehearing and on the same date, October 9, 1959, Pacific Gas and Electric Company filed a petition asking the Commission to postpone the date upon which the applicable rules prescribed by ordering paragraphs 1, 2 and 3 of Decision No. 59011 must be filed. On October 20, 1959, the Commission issued its order postponing the date for filing rules required by Decision No. 59011 until the effective date of the order on rehearing unless thereafter otherwise ordered.

Public Hearing

After due notice, the rehearing on Decision No. 59011 was held before Examiner William W. Dunlop on November 5 and 6, 1959 in San Francisco. The evidence introduced was limited to the issues raised by the petitions for rehearing and to the determination of a date for the filing by all respondents in Case No. 5945 of extension rules and of a date for the filed rules to become effective.

Evidence was presented by one witness on behalf of California Electric Power Company, by two witnesses on behalf of Southern California Gas Company and Southern Counties Gas Company of California, by one witness for Southwest Gas Corporation, by two witnesses for Pacific Gas and Electric Company and by one witness for the Commission staff. Cross-examination was conducted by the respondents and by the Commission staff.

^{7/} As found in Gas Rule 16, Section A.1., Appendix C of Decision No. 59011, page 8 of 10.

The matters are now ready for decision, having been taken under submission with the concurrent filing on November 25, 1959, of statements dealing with the issue of gas main and service extension rules to serve interruptible customers.

Petition for Examiner's Proposed Report

On November 5, 1959, Pacific Gas and Electric Company filed a petition requesting that a proposed report be issued by the presiding examiner regarding the issues developed at the rehearing. This request was joined in by San Diego Gas & Electric Company. The Commission has carefully considered this request and is of the opinion that no useful purpose would be served by the issuance of an examiner's proposed report on the issues raised on the rehearing. Accordingly, the request will be denied by the order herein.

Petition to Intervene

Petition of the City and County of San Francisco for leave to intervene in Case No. 5945 for the purpose of asserting its position relative to the basis upon which interruptible gas extensions are to be made was filed on November 25, 1959. While this petitioner was not a party to the original proceedings and made no appearance at the rehearing, by the order herein the Commission will grant the City and County of San Francisco permission to intervene in Case No. 5945 for the purpose indicated by the petition.

Electric Distribution Lines

California Electric Power Company objected to the application of the footage basis set forth in Electric Extension Rule No. 15 to distribution lines on its system in excess of 12 kv.^{8/} It presented testimony showing that the footage basis is not required of any

^{8/} Item 26 of Appendix B attached to Decision No. 59011 specifies for California Electric Power Company that 33 kv is the maximum voltage of distribution lines to which the footage basis in Electric Extension Rule No. 15 applies.

other electric utility in California for 33 kv extensions; that only nine 33 kv extensions have been made in the past five years, four of which were built under the temporary service rule; that the 33 kv extensions showed wide variations in length of extensions, size of load, net cost to construct, and in annual revenue; and that it would be willing to submit each line extension of 33 kv or above to the Commission pursuant to the provisions of the exceptional cases clause.^{9/} No party offered any objection to the changes proposed by California Electric Power Company. We are of the opinion that this change is reasonable and the order herein will so provide.

Underground Electric Line Extensions

Section D.2.a. of Appendix A attached to Decision No. 59011 provides:

"Normally underground extensions will be installed, owned and maintained by the utility provided the applicant pays in advance a nonrefundable sum equal to the estimated difference between the cost, exclusive of transformers, meters, and services, of the underground extension and an equivalent overhead extension."

Pacific Gas and Electric Company takes exception to the exclusion of transformers, meters, and services, from the computation of the estimated difference in cost between an underground extension and an equivalent overhead extension. Sections D.3.b., D.3.c. and D.4.a. of Appendix A attached to Decision No. 59011 also relate to this same subject and are excepted to by Pacific Gas and Electric Company. This utility claims that transformers required to serve underground extensions cost approximately twice as much as transformers required to serve an overhead extension; that the cost of meters for underground and for overhead extensions are the same; and that the service cost for an overhead extension exceeds that for an underground extension in that the customer provides the service at his expense on underground extensions.

^{9/} Paragraph E.7. of Appendix A attached to Decision No. 59011.

Pacific Gas and Electric Company was the only party who petitioned for a revision in the provisions of Appendix A of Decision No. 59011 relating to underground electric line extensions. It claimed that its present rule requires the applicant to pay the entire difference in cost for transformers, meters and services; that the additional cost of underground transformers, meters and services averaged approximately \$21,000 per year over the last five years and amounted to about \$41,000 for the year 1958; and that the rule set forth in Decision No. 59011 is unfair and unreasonable in that it does not require applicants requesting underground extensions to pay the entire difference in cost between an underground and an overhead extension, plus the difference in cost of transformers, meters and services.

The Commission staff pointed to the fact that under Appendix E of Decision No. 59011 a line extension is defined as:

"All facilities, excluding transformers, service connection and meter required to extend electric service from the utility's existing permanent facilities to the point of delivery to the customer."

Despite the fact that transformers, meters and services are excluded in the definition of "line extension", as contemplated in the rule set forth in Decision No. 59011, none of the parties concerned petitioned for rehearing on this definition. The petition of Pacific Gas and Electric Company has been given careful consideration and the following conclusions have been reached respecting Pacific's claim that the rule is unfair and unreasonable.

As to its fairness, a rule that provides for similar treatment for customers who are similarly situated certainly cannot be said to be unfair. Nor is the rule unreasonable merely because it does not require that applicants requesting underground service pay

the entire difference in cost between underground and overhead facilities. The extension rule is not intended to provide for collecting all charges necessary to make an extension but only those amounts which would result in an unreasonable burden. The existence or creation of such a burden by the provisions of the rule set forth in Decision No. 59011 has not been demonstrated in this proceeding. It appears from the evidence that the magnitude of the difference in cost between overhead and underground transformers, meters, and services is nominal, particularly when one considers the size of the electric operations of Pacific Gas and Electric Company in California. However, if this should become an acute problem to any electric utility in the State, the Commission will give consideration, upon application and showing by said utility, to a separate tariff schedule or condition of its extension rule relating to underground transformers and/or changes in its service rule (Rule 16) relating to underground services.

Posting of a Bond to Guarantee Payment

Finding and Conclusion No. 7 of Decision No. 59011 provides as follows:

- "(7) Subdividers who require extensions ahead of the time individual users are ready for service should be required to advance the entire cost of the extension; however, in anticipation that the individual users will be connected within six months such advance may be waived where the subdivider posts bond guaranteeing payment of the total advance or such advance as may remain due at the end of six months."

Sections C.1.a., D.4.a. and E.1. of Rule No. 15, Electric Line Extensions, and Section C.1.a. and E.1. of Rule No. 15, Gas Main Extensions, implement Finding and Conclusion No. 7 with respect to posting of a bond to guarantee payment.

Pacific Gas and Electric Company urged that the bonding provision be deleted and proposed that the payment of such advance be waived where, in the utility's judgment, sufficient load will be installed within six months after start of the construction of the extension as to warrant the refund of substantially all of the entire advance if any such advance had been made.

The two southern gas companies as well as Southwest Gas Corporation urged the removal of the bonding provision and proposed that allowance credits be granted against the cost of the extension for gas usage in existing homes which will be served or for appliances that the builder or subdivider will install in dwelling units which are under construction at the time the main installation is made.

It appears from the testimony that various utilities have been allowing credits against advances for extensions in subdivisions ahead of the time individual users are ready for service, although their rules do not so provide. Such practice, if not made available to all subdivider-builder applicants for extensions under uniform conditions, may become discriminatory. Also, where the full amount is collected with indications that large portions of such advance will be refunded promptly, it would appear that the cost of collection and repayment does not warrant the full collection. On the other hand, advances from subdividers are required to protect existing customers from uneconomic extensions where ultimate applicants for service do not materialize.

In view of the record we shall not require the full advance where evidence of early completion and occupancy of the subdivision is furnished by the subdivider. The utilities' request to eliminate the bonding provision also will be granted. In authorizing waiver

of portions of the advance we direct the utilities to apply this provision without discrimination to all subdivider-builders who provide the indicated measure of assurance that ultimate customers will be connected within a period of six months. Such measure of assurance is set forth in the rule in the order which follows.

Interruptible Gas Extensions

Pacific Gas and Electric Company was the only party to petition for rehearing on the issue of an appropriate rule for main extensions to furnish interruptible gas service. Specifically, this respondent objects to Section D.2. of gas main extension Rule No. 15, Appendix C attached to Decision No. 59011 which provides as follows:

D. Main Extensions to Other than General or Firm Service Rate Schedule Applicants and Those Covered in Section C Above

2. Interruptible

Extensions of distribution mains and/or enlargements of existing distribution main capacities to furnish interruptible service will be installed, owned, and maintained by the utility provided: (1) in the utility's opinion, adequate supplies of gas are, and will continue to be available for firm service, and (2) the cost of such extension and/or enlargement does not exceed * times the estimated annual revenue as determined by the utility. Any additional extension and/or enlargement required will be installed, owned, and maintained by the utility provided the applicant pays to the utility an amount of money equal to the estimated cost of that portion of such extension or enlargement necessary to supply the applicant's load in excess of that installed at the utility's expense. The amount so paid will be subject to refund in accordance with Section B.3.b. herein and for any unused free allowance for subsequent firm industrial or gas engine customer extension. The utility will require each applicant to execute an appropriate contract in the form which is on file with the Public Utilities Commission as part of the utility's effective tariff schedules. The utility will install, own, and maintain the necessary service regulators, meters, and services all in accordance with the provisions of Rule No. 16.

* See Appendix D for specified amounts
authorized at this time.

The record discloses that Pacific Gas and Electric Company is the only gas utility in California which historically has required an interruptible customer to advance the full cost of the gas main extension. Pacific urges continuance of this practice in the following rule which it recommends for its system:

D.2. Extensions of distribution mains and/or enlargements of existing distribution main capacities to furnish interruptible service will be installed, owned, and maintained by the utility provided in the utility's opinion, adequate supplies of gas are, and will continue to be available for firm service. Any extension and/or enlargement required will be installed, owned, and maintained by the utility provided the applicant pays to the utility an amount of money equal to the estimated cost of such extension or enlargement necessary to supply the applicant's load. Payments made by the applicants for extensions or enlargements of facilities shall entitle such applicants to have the stated capacity thereof available for their use upon demand. The utility will require each applicant to execute an appropriate contract in the form which is on file with the Public Utilities Commission as part of the utility's effective tariff schedules. The utility will install, own, and maintain the necessary service regulators, meters, and services all in accordance with the provisions of Rule No. 16.

It is claimed by Pacific Gas and Electric Company that the rule prescribed by Decision No. 59011 will result in discriminatory treatment between existing and future interruptible gas customers, will ultimately require firm customers to pay higher rates for gas service, will result in more frequent curtailment of interruptible customers, will render uneconomic certain extensions that are feasible under its present rule, and will be inconsistent with the applicability clause of its interruptible rate schedule. Pacific estimated that its investment would have been increased by approximately \$5,797,000 over the present amount had the prescribed rule been in effect during the last five years, and further estimated that if the prescribed rule were to be effective for the next 12 months its investment would become \$871,000 greater than it would be under the present rule.

The above estimated investment figures may be compared with Pacific's investment in gas plant in service at the end of 1953 of \$342,817,555 and at the end of 1958 of \$547,079,730, an increase of \$204,262,175 in five years, or an average increase per year of \$40,852,435.

Statements filed following the rehearing by San Diego Gas & Electric Company and by the City and County of San Francisco generally concur in the position taken by Pacific Gas and Electric Company on this issue.

On the other hand, the two southern gas companies take the position that the granting of allowances and refunds for interruptible gas service is appropriate. Historically, these two companies have made allowances and granted refunds for interruptible gas business based upon estimates of revenue the interruptible customer would produce. These respondents claim with respect to interruptible gas sales that: they represent large volumes with better than average return, they provide for operating flexibility, they contribute to high system load factors with resulting reduction in unit cost of delivered gas, and they frequently contribute to extension of gas mains in fringe areas. Further, these respondents urge that it is reasonable to grant extension allowances to help secure interruptible business and that if allowances are granted it would be inconsistent to deny refunds for the same loads. These respondents do not, however, urge a consistent rule in this regard for all gas utilities in California.

The Commission staff supported a position of uniform free allowances for extensions to serve interruptible gas customers throughout the State. It recognized that facilities are needed to serve any and all customers, and indicated that to the extent rates

charged to a class of customer reflect the need for such facilities, the extension rule should reflect an allowance to the customer for facilities required to provide his service.

We have reviewed this matter and make the following observations. If each customer similarly situated is treated similarly, there can be no unreasonable discrimination. Moreover, the purpose of an extension rule is not to collect extension charges from all customers but only from those for whom an extension would result in an unreasonable burden. The suggestion that firm customers would ultimately be required to pay higher rates from a cost of service standpoint is not well founded. Firm gas customers in California are not presently and will not in the future be required to pay for facilities directly applicable to interruptible gas customers. Neither are we impressed with the suggestion that more frequent curtailment of interruptible gas customers will arise. Curtailments have been made because of a shortage of supply or because of an inadequacy of transmission facilities. The extension rule is not applicable to such transmission facilities. Further, we are of the opinion that the granting of free allowances or extensions to serve interruptible gas customers will encourage economic growth and development. The actual experience of other respondent gas utilities in this State, all of whom allow some free allowances for extensions to serve interruptible gas customers, does not support the claims of Pacific as to the almost dire consequences that it visualizes will arise from the extension rule for interruptible customers prescribed by Decision No. 59011. We find that the provisions of the rule set forth in Decision No. 59011 relating to main extensions to furnish interruptible gas service are reasonable and should be filed by all respondent gas utilities without exception.

Service Allowances for Gas Service Extensions

Section A.1. of Rule No. 16, Gas Service Extensions prescribed by Decision No. 59011 reads as follows:

A. Service Connections for General or Firm Service

1. Upon application for firm gas service, the utility at its own expense, will furnish and install a service pipe of suitable capacity from its gas main to the property line of property abutting upon any public street, highway, alley, lane or road along which it already has or will install street mains, and will install, at its own expense, a further extension on the private property or as much of such extension as may be necessary based on 15 feet per customer for space heating gas use, 20 feet per customer for water heating gas use, and 15 feet per customer for gas range use. For all other equipment of 10,000 Btu per hour input capacity or more, for each 10,000 Btu per hour input capacity or fraction thereof, an additional 5 feet will be installed at its own expense. The utility will install that portion of each service in excess of the portion installed at utility expense inside of the property line, subject to an advance to be paid by the applicant as set forth below.

Southern California Gas Company and Southern Counties Gas Company of California urged that the above-mentioned Section A.1. of Rule No. 16 be revised to read as follows:

A. Service Connections for Residential and Small Firm Non-Residential Service

1. Upon application, the utility will furnish and install, at its own expense, a service pipe of suitable capacity from the gas main to the property line of property abutting upon any public street, highway, alley, lane or road along which it already has or will install street mains, provided that gas will be used in the premises to be served for at least one of the following purposes: water heating, cooking, space heating, refrigeration or swimming pool heating. For each of such uses of gas in excess of one, the Company will install on the private property an additional 30 feet of service pipe, or as much thereof as may be necessary to reach a meter location that is satisfactory to the utility, except that where there is only one additional major use, taken in conjunction with space heating, the free allowance on private property shall be limited to 20 feet. For all other equipment of 10,000 Btu per hour input capacity or more, the utility will install at its own expense 5 feet of service for each 10,000 Btu per hour input capacity or fraction thereof. The utility will install that portion of each service in excess of the portion installed at utility expense, subject to an advance to be paid by the applicant as set forth below.

The two southern gas companies contend that under the rule prescribed by Decision No. 59011 an application for firm gas service is required before gas service piping can be installed and that such requirement will make necessary piece meal service installation and thereby increase their installation costs an estimated \$1,200,000 at the 1960 estimated level of business.

With respect to the free footage allowances for service pipe, the two southern gas companies contend the allowances in the rule prescribed by Decision No. 59011 are inappropriate for them. They claim that under the allowances in Decision No. 59011 about 44 percent of new applicants for gas service would have to pay some advance, even assuming that all of them were three-use gas customers. Under the proposal of these respondents a customer with gas space heating, water heating and gas cooking would receive a free service allowance in private property of 60 feet compared with 50 feet in the rule prescribed by Decision No. 59011. However, a customer with only space heating gas use would receive no free service allowance in private property under the proposal of these respondents compared with 15 feet in the rule prescribed by Decision No. 59011.

The Commission staff generally supported the free footage service allowances set forth in Decision No. 59011, including an allowance for space-heating-only gas customers.

Southwest Gas Corporation, while concurring in the general recommendation of the two southern gas companies, did not accept their recommended specific free allowances.

Counsel for Southern California Edison Company opposed the change recommended by the gas companies, claiming that the gas companies have attempted to introduce into the service extension allowances the concept of a combination allowance which he claimed

is a competitive weapon. He noted that the Commission had rejected combination allowances in its Decision No. 59011 and stated Edison was willing to give the rules prescribed by Decision No. 59011 a try.

Upon consideration of this item, we find that the service allowances set forth in Section A.1. of Rule No. 16 prescribed by Decision No. 59011 are reasonable. However, some revision in wording of said Section A.1. and the addition of an allowance for a gas refrigerator as hereinafter set forth appears warranted.

Findings and Conclusions

The following findings and conclusions are made:

1. The findings and conclusions contained in the Opinion of Decision No. 59011 are affirmed, except as revised by the findings and conclusions hereinafter set forth.

2. Except as hereinafter specifically set forth, the rules contained in Appendices A, B, C, D and E of Decision No. 59011 are reasonable.

3. Item 26 of Appendix B attached to Decision No. 59011 should be revised by substituting 12 kv for 33 kv as the maximum voltage of distribution lines of California Electric Power Company to which the footage basis in Electric Extension Rule No. 15 applies.

4. Section A.1. of Rule No. 16, Gas Service Extensions set forth in Appendix C attached to Decision No. 59011 should be revised to read as follows:

A. Service Connections for General or Firm Service

1. Upon application, the utility will furnish and install at its own expense, a service pipe of suitable capacity from its gas main to the property line of property abutting upon any public street, highway, alley, lane or road along which it already has or will install street mains, and will install, at its own expense, a further extension on the private property or as much of such extension as may be necessary to reach a meter

location that is satisfactory to the utility based on 15 feet per customer for space heating gas use, 20 feet per customer for water heating gas use, 15 feet per customer for multi-burner gas range use and 10 feet per customer for gas refrigerator use. For all other equipment of 10,000 Btu per hour input capacity or more, for each 10,000 Btu per hour input capacity or fraction thereof, an additional 5 feet will be installed at its own expense. The utility will install that portion of each service in excess of the portion installed at utility expense inside of the property line, subject to an advance to be paid by the applicant as set forth below.

5. Section C.1.a. of Rule No. 15, Electric Line Extension set forth in Appendix A attached to Decision No. 59011 should be revised to read as follows:

Overhead line extensions to and/or in subdivisions, housing projects and multi-family dwellings will be constructed, owned and maintained by the utility in advance of applications for service by ultimate users only when the entire estimated cost of such extensions, as determined by the utility, is advanced to the utility; however, the payment of the portion of such advance as the utility estimates would be refunded within six months under other provisions of this extension rule shall be postponed for six months if the subdivider-builder furnishes to the utility evidence that he has received state and local authorizations to proceed promptly with construction and that he has adequate financing, and provided further that the subdivider-builder agrees in writing in his contract for the extension to pay immediately at the end of six months all amounts not previously advanced which are not then refundable. At the end of such six-month period, the utility shall collect all such amounts not previously advanced which are not then refundable.

6. Section C.1.a. of Rule No. 15, Gas Main Extensions, set forth in Appendix C attached to Decision No. 59011 should be revised to read as follows:

Gas distribution main extensions to and/or in subdivisions, housing projects, and multi-family dwellings will be constructed, owned and maintained by the utility in advance of applications for service by ultimate users only when the entire estimated cost of such extensions, as determined by the utility, is advanced to the utility; however, the payment of the portion of such advance as the utility estimates would be refunded within six months under other provisions of this extension rule shall be postponed for six months if the subdivider-builder furnishes to the utility evidence that he has received state

and local authorizations to proceed promptly with construction and that he has adequate financing, and provided further that the subdivider-builder agrees in writing in his contract for the extension to pay immediately at the end of six months all amounts not previously advanced which are not then refundable. At the end of such six-month period, the utility shall collect all such amounts not previously advanced which are not then refundable.

7. Sections D.4.a. and E.1. of Rule No. 15, Electric Line Extensions and Section E.1. of Rule No. 15, Gas Main Extensions, set forth in Appendix A and in Appendix C, respectively, of Decision No. 59011 should be revised to be consistent with findings and conclusions 5 and 6 above.

8. The increases and/or decreases in rates and charges and changes in conditions which might result from the revision of extension rules as prescribed and authorized herein are justified and present rules insofar as they differ from those herein prescribed, are, for the future, unjust and unreasonable and an order should be issued authorizing and directing changes in extension rules as hereinafter set forth.

ORDER ON REHEARING OF DECISION NO. 59011

Rehearing having been held on Decision No. 59011 in the above-numbered proceedings, the Commission being fully advised thereon, and the matters having been submitted and now being ready for decision; therefore,

IT IS ORDERED as follows:

1. Each respondent providing electric service shall, on or before April 15, 1960, in accordance with the procedure prescribed by General Order No. 96, file with this Commission the rules as set forth in Appendix A attached to this decision with figures inserted in the blank spaces which are specified in Appendix B. Such rules shall become effective on not less than five days' notice to the

Commission and to the public for new applications for service received by such respondent on and after April 20, 1960 and shall cancel and supersede the corresponding existing rules respecting extension of electric lines.

2. Each respondent providing gas service shall, on or before April 15, 1960, in accordance with the procedure prescribed by General Order No. 96, file with this Commission the rules as set forth in Appendix C attached to this decision with figures inserted in the blank spaces which are specified in Appendix D. Such rules shall become effective on not less than five days' notice to the Commission and to the public for new applications for service received by such respondent on and after April 20, 1960, and shall cancel and supersede the corresponding existing rules respecting extension of gas mains and services.

3. Each respondent shall revise its definitions of tariff terms to include (preferably in Rule No. 1) the appropriate list of definitions contained in Appendix E, attached hereto, by suitable tariff filing in accordance with General Order No. 96, to be filed and made effective coincident with the filings prescribed by ordering paragraphs 1 and/or 2 above.

4. Where investigations have been started for electric line extensions or for gas main and/or service extensions, as evidenced by written application for service or other documentary evidence, but not completed prior to the effective date of the rules prescribed herein, the lesser of two amounts determined from the old or the new rules shall be applied. However, after the effective date of the revised rules, all new business, except that just mentioned above, shall be subject to the new rules.

5. Future revisions of extension rules, in order to keep them up to date as to footage allowances and unit costs, may be accomplished by appropriate filing in conformity with General Order No. 96.

6. Each respondent shall file a summary report annually following the effective date of this order, of expenditures, after deducting customers' advances, for line and for main extensions in excess of five times the estimated annual revenue from such extensions. Extensions covered by these reports shall be limited to those constructed in the previous year involving a total expenditure in excess of \$20,000 for each extension.

7. The problem of how to distinguish between a temporary and a permanent customer and the definition of premises will be the subject of a supplemental decision.

8. Decision No. 54762, dated April 2, 1957, in Applications Nos. 37604 and 37605, be and it is set aside and vacated.

9. The rules prescribed herein are exclusive and mandatory and shall apply to all line, main and/or service extensions as defined in Appendix E; except that a privately-owned utility may 180 days after the effective date of the rules prescribed herein file revised rules applicable to an area serviced by a publicly-owned utility (pursuant to finding (9) in the Opinion in Decision No. 59011) not providing rules in harmony herewith.

10. The petition for an examiner's report is denied.

11. The petition of the City and County of San Francisco to intervene in Case No. 5945 for the purpose indicated in said petition is granted.

12. Decision No. 59011 is affirmed except as modified by the findings and conclusions and ordering paragraphs herein.

The effective date of this order shall be twenty days after the date hereof.

Dated at San Francisco, California, this 22nd day of March, 1960.

[Signature]
President
[Signature]
[Signature]
[Signature]
[Signature]
Commissioners

APPENDIX A
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RULE NO. 15**

LINE EXTENSIONS

Extensions of distribution lines of standard voltages (* kv or less) necessary to furnish permanent electric service to applicants will be made by the utility in accordance with the following provisions:

A. General

The utility will construct, own, operate and maintain lines only along public streets, roads and highways which the utility has the legal right to occupy, and on public lands and private property across which rights of way satisfactory to the utility may be obtained without cost or condemnation by the utility.

B. Overhead Extensions to Individual Applicants for Service

1. Free Footage Allowances

Overhead line extensions will be made by the utility at its own expense provided the length of line required does not exceed the free length as determined from the following allowances.

a. Domestic Service:

(Required Listing)

For lighting and appliances, each customer	<u> *</u>	feet
For each electric refrigerator customer	<u> *</u>	feet
For each electric range customer	<u> *</u>	feet
For each 30 gallon or larger storage type electric water heater customer	<u> *</u>	feet
For each electric clothes dryer customer	<u> *</u>	feet
For permanently installed heating equip- ment of at least 1.5 kw, per kw	<u> *</u>	feet
For motors of 1 hp or more, per hp connected	<u> *</u>	feet

(Optional Listing)

For each home freezer customer	<u> *</u>	feet
For each automatic dishwasher customer	<u> *</u>	feet
For each permanently installed air cooling installation of less than 1 hp	<u> *</u>	feet
For each domestic water system of 1 hp or less	<u> *</u>	feet
For each furnace blower motor	<u> *</u>	feet
For each heat pump customer	<u> *</u>	feet
For air conditioning load, room or central unit, per hp connected	<u> *</u>	feet

* See Appendix B for specified amounts authorized at this time.

** Rule No. 20 may be used pending revision of rules.

APPENDIX A
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RULE NO. 15, LINE EXTENSIONS--Contd.

B. Overhead Extensions to Individual Applicants for Service--Contd.

1. Free Footage Allowances--Contd.

b. Other Service:

(Required Listing)

For lighting load, per kw connected	* feet
For permanently installed cooking or heating load, per kw	* feet
For motors of 1 hp or more, per hp connected	* feet

(Optional Listing)

For air conditioning load, room or central unit, per hp connected	* feet
For agricultural heating of at least 1 kw, per kw	* feet
For dairy water heaters, of at least 1 kw, per kw	* feet
For street lighting requiring circuits only, per 1,000 lumens	* feet
For street lighting requiring pole line extensions, per 1,000 lumens	* feet

Except for those instances where the customer requests special facilities, the utility will install, own and maintain the necessary transformers, meters and service wires in accordance with Rule No. ** at its own expense.

2. Conditions

a. Seasonal, Intermittent and Standby Service

When an applicant will use electric service in establishments occupied seasonally or intermittently, as in seasonal resorts, cottages or other part-year establishments, one half of the allowance provided above will apply. No allowance will be made for equipment used for standby or emergency purposes only.

b. Length and Location of Line

The length of line required for an extension will be considered as the distance along the shortest practical route, as determined by the utility, from the utility's nearest permanent distribution line pole to the pole from which the service connection is to be installed.

c. Special Facilities

Under this rule the utility shall install only those facilities which it deems are necessary to render service

* See Appendix B for specified amounts authorized at this time.
** Utility to insert appropriate rule number.

RULE NO. 15, LINE EXTENSIONS--Contd.

B. Overhead Extensions to Individual Applicants for Service--Contd.

2. Conditions--Contd.

in accordance with the tariff schedules. Where the applicant requests facilities which are in addition to, or in substitution for, the standard facilities which the utility normally would install, the extra cost thereof shall be paid by the applicant.

Advances made under this section for service to three-phase motors of less than * hp shall be subject to refund in the event that the person making the advance increases his load so as to include service to three-phase motors of more than * hp.

d. Conversion of Existing Single-Phase Lines to Three-Phase Lines

Line extensions will be either single phase or three phase as determined by the utility in accordance with the tariff schedules.

Where it is necessary to convert an existing line from single phase to three phase in order to furnish three-phase service to an applicant, the estimated cost of converting the existing line to three phase will be determined by the utility. Such estimated cost will be divided by the advance per foot specified in Section B.3.a.(1) hereof in order to determine an equivalent length of line extension. Applicant's allowance, as determined under Section B.1 hereof shall then be applied against the length of equivalent line and any unused free extension allowance will be applied to the line extension, if any, required to serve the applicant. Advances made under this section shall be subject to refund as specified in Section B.3.b. for such additional permanent three-phase installations as may be supplied by means of the line which has been converted to three-phase line.

e. Transmission Underbuilds

Where all or a portion of the distribution line extension is to be constructed on existing transmission poles of the utility, the estimated cost of the extension on such existing poles will be determined by the utility. Such estimated cost will be divided by the advance per foot specified in Section B.3.a.(1) hereof in order to determine an equivalent length of line extension, which will be treated in the same manner as any other extension under Section B hereof.

f. For the purpose of determining the allowable free length of line for domestic service, each single-family dwelling is considered a "customer"; an electric range customer is one who uses an electric range or equivalent electric appliance exclusively for all regular cooking; a water heater customer is one who uses an electric water heater exclusively for all regular water heating.

* See Appendix B for specified amounts authorized at this time.

RULE NO. 15, LINE EXTENSIONS--Contd.

B. Overhead Extensions to Individual Applicants for Service--Contd.

2. Conditions--Contd.

- g. For the application of Section B.1, connected loads will be determined to the nearest 1/10 hp or 1/10 kw.

3. Extensions Beyond the Free Length

a. Advances

- (1) Overhead line extensions of greater length than the free extension will be made provided the applicant for service advances to the utility \$ * for each foot of line in excess of the free length. Such extensions will be owned, operated and maintained by the utility.
- (2) When more than one applicant is to be served from the same extension, the total free length will be the sum of the free allowances for each applicant as computed under Section B hereof. The total advance required from the group of applicants will be apportioned among the members of the group in such manner as they may mutually agree upon.

b. Method of Refund

The amount advanced in accordance with Section B.3.a. hereof will be subject to refund as follows:

- (1) Refunds of an advance will be predicated on connection of separately metered permanent load and/or customers; will be made without interest; and will be made within 90 days after date of first service to such load and/or customer, except that refunds may be cumulated to \$25 minimum or the total refundable balance if less than \$25 before each refunding.
- (2) For such load and/or customer the utility will refund an amount based on the footage that the allowable free length under Section B exceeds the length of line (if any) required to serve, multiplied by the unit cost per foot applicable at the time the extension was originally constructed.
- (3) Refunds also will be made for the appliances and load specified in Section B.1. permanently installed in excess of the load contracted for originally when added within one year of first taking service. Such refunds will be made within ninety days after the utility receives notice of the addition by the customer.

* See Appendix B for specified amounts authorized at this time.

APPENDIX A
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RULE NO. 15, LINE EXTENSIONS--Contd.

B. Overhead Extensions to Individual Applicants for Service--Contd.

3. Extensions Beyond the Free Length--Contd.

b. Method of Refund--Contd.

- (4) Where there are a series of extensions, on any of which an advance is still refundable, and the utility makes succeeding free extensions with excess allowances or where additional load or customers connect to succeeding extensions, refunds will be made to repay in turn each of such advances which remain refundable beginning with the first in series from the original point of supply.
- (5) When two or more parties make a joint advance on the same extension, refundable amounts will be distributed to these parties in the same proportion as their individual advances bear to the total joint advance.
- (6) No payment will be made by the utility in excess of the amount advanced by the applicant or applicants nor after a period of 10 years from the date the utility is first ready to render service from the extension, and any unrefunded amount remaining at the end of the 10-year period will become the property of the utility.

C. Overhead Extensions to Serve Subdivisions or Tracts, Housing Projects and Multi-Family Dwellings

1. Advances

- a. Overhead line extensions to and/or in subdivisions, housing projects and multi-family dwellings will be constructed, owned and maintained by the utility in advance of applications for service by the ultimate users only when the entire estimated cost of such extensions, as determined by the utility, is advanced to the utility; however, the payment of the portion of such advance as the utility estimates would be refunded within six months under other provisions of this extension rule shall be postponed for six months if the subdivider-builder furnishes to the utility evidence that he has received state and local authorizations to proceed promptly with construction and that he has adequate financing, and provided further that the subdivider-builder agrees in writing in his contract for the extension to pay immediately at the end of six months all amounts not previously advanced which are not then refundable. At the end of such six-month period, the utility shall collect all such amounts not previously advanced which are not then refundable.

APPENDIX A
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RULE NO. 15, LINE EXTENSIONS--Contd.

C. Overhead Extensions to Serve Subdivisions or Tracts, Housing Projects and Multi-Family Dwellings--Contd.

2. Method of Refund

The amount advanced in accordance with Section C.1.a. hereof will be subject to refund as follows:

- a. Refunds of an advance will be predicated on connection of separately metered permanent load and/or customers; will be made without interest; and will be made within 90 days after date of first service to such load and/or customer, except that refunds may be cumulated to \$25 minimum or the total refundable balance if less than \$25 before each refunding.
- b. For such load and/or customer the utility will refund an amount based on the footage that the allowable free length under Section B exceeds the length of line (if any) required to serve, multiplied by the unit cost per foot applicable at the time the extension was originally constructed.
- c. Refunds also will be made for the appliances and the load specified in Section B.1. permanently installed in excess of the load installed originally when added within one year of first taking service. Such refunds will be made within 90 days after the utility receives notice of the addition by the customer.
- d. Where there are a series of extensions, on any of which an advance is still refundable, and the utility makes succeeding free extensions with excess allowances or where additional load or customers connect to succeeding extensions, refunds will be made to repay in turn each of such advances which remain refundable beginning with the first in series from the original point of supply.
- e. When two or more parties make a joint advance on the same extension, refundable amounts will be distributed to such parties in the same proportion as their individual advances bear to the total joint advance.
- f. No payment will be made by the utility in excess of the amount advanced by the applicant or applicants nor after a period of 10 years from the date the utility is first ready to render service from the extension, and any unrefunded amount remaining at the end of the 10-year period will become the property of the utility.

3. Extensions to Serve Individuals

- a. Extensions to serve individual applicants for service in real estate subdivisions will be made in accordance with Section B hereof.

APPENDIX A
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RULE NO. 15, LINE EXTENSIONS--Contd.

D. Underground Extensions (*)

1. General

- a. Underground line extensions will be made only where mutually agreed upon by the utility and the applicant, except in those areas where the utility maintains or desires to maintain underground distribution facilities for its operating convenience or in compliance with applicable laws, ordinances, or similar requirements of public authorities.

2. Utility Installed Extensions to Serve Individuals

- a. Normally underground extensions will be installed, owned and maintained by the utility provided the applicant pays in advance a nonrefundable sum equal to the estimated difference between the cost, exclusive of transformers, meters and services, of the underground extension and an equivalent overhead extension.
- b. In addition to the nonrefundable sum, applicant shall advance an amount, if any, which shall be determined, as provided in Section B.3, from the difference in length of equivalent overhead extension required and the free allowance.
- c. The amount advanced in accordance with Section D.2.b. will be subject to refund in accordance with Section b.3.b.
- d. Underground services will be installed and maintained as provided in Rule No. 16.*

3. Applicant-Installed Extensions to Serve Individuals

- a. Where mutually agreed upon by the utility and the applicant, all or a portion of an underground extension may be installed by the applicant in accordance with the utility's specifications. Upon acceptance by the utility, applicant will transfer ownership of such facilities to the utility.
- b. Any additional underground facilities necessary to complete the extension, exclusive of transformers, meters, and services, shall be installed by the utility at applicant's expense.

(*) These are the minimum provisions that each utility must file, but the utility may augment these rules in accordance with existing rules where existing underground extension rules are more detailed.

* Rule No. 21 may be used pending revision of rules.

APPENDIX A
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RULE NO. 15, LINE EXTENSIONS--Contd.

D. Underground Extensions--Contd.

3. Applicant-Installed Extensions to Serve Individuals--Contd.

- c. Upon meeting the requirements of Sections D.3.a. and D.3.b. by applicant, the utility shall refund an amount equal to the estimated cost of the equivalent overhead extension necessary to serve the applicant; provided, however, that the length of equivalent line on which such refund is based shall not be greater than the free footage allowance set forth in Section B.
- d. Underground services will be installed and maintained as provided in Rule 16.*

4. Extensions To and/or Within Real Estate Subdivisions, Tracts, etc., in Advance of Receipt of Applications for Service

- a. Underground line extensions will be installed, owned and maintained by the utility provided the subdivider or other applicant requesting the extension pays before start of construction a nonrefundable sum equal to the estimated difference between the cost, exclusive of transformers, meters and services, of the underground extension and an equivalent overhead extension. The applicant requesting the extension shall advance to the utility, in addition to the nonrefundable sum, an amount equal to the estimated cost, exclusive of transformers, meters and services, of the equivalent overhead line; however, the payment of the portion of such advance as the utility estimates would be refunded within six months under other provisions of this extension rule shall be postponed for six months if the subdivider-builder furnishes to the utility evidence that he has received state and local authorizations to proceed promptly with construction and that he has adequate financing, and provided further that the subdivider-builder agrees in writing in his contract for the extension to pay immediately at the end of six months all amounts not previously advanced which are not then refundable. At the end of such six-month period, the utility shall collect all such amounts not previously advanced which are not then refundable.
- b. Where mutually agreed upon by the utility and applicant, all or a portion of an underground extension may be installed by the applicant in accordance with the utility's specifications. Upon acceptance by the utility, applicant will transfer ownership of such facilities to the utility. Any additional underground facilities necessary to complete the extension shall be installed by the utility at applicant's expense.
- c. Upon meeting the requirements of Section D.4.a. or D.4.b. by the applicant, the utility will make refunds in accordance with Section C.2, provided, however, that the total amount refunded will not exceed the estimated cost of an equivalent overhead extension.

* Rule No. 21 may be used pending revision of rules.

APPENDIX A
Page 9 of 10

RULE NO. 15, LINE EXTENSIONS--Contd.

D. Underground Extensions--Contd.

4. Extensions To and/or Within Real Estate Subdivisions, Tracts, etc., in Advance of Receipt of Applications for Service--Contd.

d. Underground services will be installed and maintained as provided in Rule No. 16.*

5. Replacement of Overhead with Underground Distribution Facilities

a. Where mutually agreed upon by the utility and a customer or applicant, overhead distribution facilities may be replaced with underground facilities, provided the customer or applicant requesting the change pays, in advance, a nonrefundable sum equal to the estimated cost of the underground facilities less the estimated net salvage value of the replaced overhead facilities.

E. Special Conditions

1. Contracts

Each applicant for service and persons requesting an extension in advance of applications for service will be required to execute contracts covering the terms under which the utility will install lines at its own expense or contracts covering line extensions for which advance deposits will be made in accordance with the provisions of the tariff schedules. Such contracts shall be in the form on file with the Public Utilities Commission as part of the utility's effective tariff schedules.

These contracts will provide, among other things, that applicant will install, commence using in a bona fide manner within six months after the date of the completion of the line extension and continue to so use for a period of three years, those appliances and items on which the utility's allowances are based. Such contract will also provide that if any applicant fails to take service or fails to install one or more of the appliances or items contracted for, the utility may calculate and bill the customer and the customer shall pay an amount according to the utility's line extension rule in effect at the time the extension was made as though service had been requested on the basis of the actual appliances and equipment installed and utilized.

2. Periodic Review

The utility will review its costs of construction of line extensions annually and shall prepare a contemplated tariff revision when such costs have changed by more than 10 percent since the last revision of the charge for excess footage as used in Section B.3. Contemplated revisions shall be submitted to the Commission for review in proposed form when prepared and not less than 30 days prior to any contemplated filing date.

* Rule No. 21 may be used pending revision of rules.

APPENDIX A
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RULE NO. 15, LINE EXTENSIONS--Contd.

E. Special Conditions--Contd.

3. Alternative Routes

Where applicable laws or regulations prevent the utilization of what otherwise would be the shortest practicable route for an overhead line extension, for the purpose of delivering electric service to the applicant, the applicant shall, subject to the provisions of the line extension rule, provide the utility an alternative longer right of way satisfactory to it. If the applicant chooses to request underground delivery over what would otherwise be the shortest practicable route, the utility will, where feasible in accordance with rules on underground extensions, provide such underground delivery.

4. Amounts advanced under the conditions established by a rule previously in effect will be refunded in accordance with the requirements of such rule.
5. Extensions for temporary service or for operations of a speculative character or questionable permanency will not be made under this rule, but will be made in accordance with the rules pertaining to temporary service.

6. Service from Transmission Facilities

This rule does not apply to the extension of transmission facilities unless the utility desires to extend such facilities for its operating convenience.

7. Exceptional Cases

In unusual circumstances, when the application of these rules appears impractical or unjust to either party, or in the case of the extension of lines of a higher voltage, the utility or the applicant shall refer the matter to the Public Utilities Commission for special ruling or for the approval of special conditions which may be mutually agreed upon, prior to commencing construction.

AUTHORIZED ALLOWANCES, ADVANCES AND
OTHER RULE PROVISIONS

Item No.	Unit	Calif. Elec. Pr.Co.	Calif.- Oregon Pr.Co.	Calif.- Pacific Util.Co.	Pacific Gas & Elec.Co.	San Diego G&E Co.	Sierra Pacific Pr. Co.	So-Cal. Edison Company
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Section B.l.a. Allowances for Domestic Service
(Required Listing)

1	For lighting and appliances, each customer: feet	300	200	300	300	300	200	300
2	For each electric refrigerator customer: feet	75	75	75	75	75	75	75
3	For each electric range customer: feet	200	150	200	150	200	150	150
4	For each storage type electric water heater customer: feet	275	275	275	275	275	275	275
5	For each electric clothes dryer customer: feet	40	40	40	40	40	40	40
6	For permanently installed heating equipment of at least 1.5 kw, per kw: feet	35	50	50	30	20	50	30
7	For motors of 1 hp or more, per hp connected: feet	50	50	50	50	50	50	50

(Optional Listing)

8	For each home freezer customer: feet	50	50	50	50	50	50	50
9	For each automatic dishwasher customer: feet	20	20	20	20	20	20	20
10	For each permanently installed air cooling installation of less than 1 hp: feet	50	-	-	-	-	-	-
11	For each domestic water system of 1 hp or less: feet	-	-	-	30	-	-	-
12	For each furnace blower motor: feet	10	10	10	10	10	10	10
13	For each heat pump customer: feet	800	800	800	800	800	800	800
14	For air conditioning load, room or central unit, per hp connected: feet	75	50	75	50	75	50	50

APPENDIX B
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AUTHORIZED ALLOWANCES, ADVANCES
AND OTHER RULE PROVISIONS--Contd.

Item No.	Unit	Calif. Elcc. Pr.Co.	Calif.- Oregon Pr. Co.	Calif.- Pacific Util.Co.	Pacific Gas & Elec.Co.	San Diego G&E Co.	Sierra Pacific Pr. Co.	So.Cal. Edison Company
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Section B.1.b. Allowances for Other Service
(Required Listing)

15	For lighting load, per kw connected: feet	125	100	125	125	125	100	125
16	For permanently installed cooking or heating load, per kw: feet	50	75	75	75	50	50	75
17	For motors of 1 hp or more, per hp connected: feet	150	125	175	175	150	125	175

(Optional Listing)

18	For air conditioning load, room or central unit, per hp connected: feet	75	50	75	50	75	50	50
19	For agricultural heating of at least 1 kw, per kw: feet	35	25	35	35	35	25	35
20	For dairy water heaters of at least 60 gal. capacity: feet	-	-	-	800	-	-	-
21	For street lighting requiring circuits only, per 1,000 lumens: feet	-	-	-	-	60	-	-
22	For street lighting requiring pole line extensions, per 1,000 lumens: feet	-	-	-	-	25	-	-

Section B.2.c. Special Facilities

23	Three-phase motors of less than hp	5	7½	5	5	5	5	3
24	Three-phase motors of more than hp	5	7½	5	5	5	5	3

Section B.3.a. (1) Advances:

25	Advances to the utility, per each foot of line \$	1.30	1.00	.70	1.40	1.40	1.60	1.45
26	Maximum voltage of distribution lines to which Extension Rules apply: kv	12	21	12	22	12	15	16.5

RULE NO. 15**

GAS MAIN EXTENSIONS

Extensions of gas distribution mains necessary to furnish permanent gas service to applicants will be made by the utility in accordance with the following provisions:

A. General

The utility will construct, own, operate and maintain gas distribution main extensions only along public streets, roads and highways which the utility has the legal right to occupy, and on public lands and private property across which rights of way satisfactory to the utility may be obtained without cost or condemnation by the utility.

B. Free Extensions to Individual Applicants for Service

1. Free Footage Allowances

Gas main extensions will be made by the utility at its own expense provided the length of main required does not exceed the free length as determined from the following allowances:

General or Firm Service:

a. Residential Use

(Required Listing)

For space heating equipment:

For the first 10,000 Btu per hr. input capacity	* feet
Additional, per 10,000 Btu per hr. input "	<u>*</u> feet
For each gas range customer	<u>*</u> feet
For each automatic storage type gas water heater customer	* feet
For each gas refrigerator customer	<u>*</u> feet
For each gas clothes dryer customer	<u>*</u> feet
For air conditioning equipment of 10,000 Btu per hr. input capacity or more, per 10,000 Btu per hr. input capacity	<u>*</u> feet

(Optional Listing)

For each garbage incinerator customer	* feet
For each swimming pool heater customer	<u>*</u> feet

* See Appendix D for specified amounts authorized at this time.

** Rule No. 20 may be used pending revision of rules.

APPENDIX C
Page 2 of 10

RULE NO. 15, GAS MAIN EXTENSIONS--Contd.

B. Free Extensions to Individual Applicants for Service--Contd.

1. Free Footage Allowances--Contd.

b. Use Other than Residential, Firm Industrial, or Gas Engine

(Required Listing)

For space heating equipment:		
For the first 10,000 Btu per hr. input capacity	*	feet
Additional, per 10,000 Btu per hr. input "	*	feet
For cooking, per 10,000 Btu per hr. input "	*	feet
For incidental domestic water heater or refrigerator on commercial premises the allowances of B.l.a. apply.		
For all other equipment of 10,000 Btu per hr. input capacity or more, per 10,000 Btu per hr. input capacity	*	feet

2. Conditions

a. Seasonal, Intermittent and Standby Service

When an applicant will use gas service in establishments occupied seasonally or intermittently, as in seasonal resorts, cottages or other part-year establishments, one half of the allowance provided above will apply. No allowance will be made for equipment used for standby or emergency purposes only.

b. Length and Location

The length of main required for an extension will be considered as the distance along the shortest practical route, as determined by the utility, from the utility's nearest distribution main.

3. Main Extensions Beyond the Free Length

a. Advances

- (1) Extensions of mains beyond the free length will be made by the utility provided applicants for such extensions advance to the utility \$ * for each foot of main in excess of the free length. Such extensions will be owned, operated and maintained by the utility.

* See Appendix D for specified amounts authorized at this time.

APPENDIX C
Page 3 of 10

RULE NO. 15, GAS MAIN EXTENSIONS--Contd.

B. Free Extensions to Individual Applicants for Service--Contd.

3. Main Extensions Beyond the Free Length--Contd.

a. Advances--Contd.

- (2) In cases where more than one applicant is to be served from the same extension, the total free length thereof will be considered to be the sum of the individual allowances made to each applicant as computed in accordance with Section B.1. The amount to be advanced by the members of the group shall be apportioned among them in such manner as they shall mutually agree upon.

b. Method of Refund

The amount advanced in accordance with Section B.3.a. hereof will be subject to refund as follows:

- (1) Refunds of an advance will be predicated on connection of separately metered permanent general or firm service load and/or customers; will be made without interest; and will be made within ninety days after date of first service to such load and/or customer, except that refunds may be cumulated to \$25.00 minimum or the total refundable balance if less than \$25.00 before each refunding.
- (2) For such load and/or customer the utility will refund an amount based on the footage that the allowable free length under Section B exceeds the length of main (if any) required to serve, multiplied by the unit cost per foot applicable at the time the extension was originally constructed.
- (3) Refunds also will be made for the appliances and the load specified in Section B-1 permanently installed in excess of the load contracted for originally, when added within one year of first taking service. Such refund will be made within ninety days after the utility receives notice of the addition by the customer.
- (4) Where there are a series of extensions, on any of which an advance is still refundable, and the utility makes succeeding free extensions with excess allowances or where additional load or customers connect to succeeding extensions, refunds will be made to repay in turn each of such advances which remain refundable beginning with the first in series from the original point of supply.
- (5) When two or more parties make a joint advance on the same extension, refundable amounts will be distributed to these parties in the same proportion as their individual advances bear to the total joint advance.

APPENDIX C
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RULE NO. 15, GAS MAIN EXTENSIONS--Contd.

B. Free Extensions to Individual Applicants For Service--Contd.

3. Main Extensions Beyond the Free Length--Contd.

b. Method of Refund--Contd.

(6) No payment will be made by the utility in excess of the amount advanced by the applicant or applicants nor after a period of ten years from the date the utility is first ready to render service from the extension, and any unrefunded amount remaining at the end of the ten-year period will become the property of the utility.

C. Main Extensions to Serve Subdivisions, Tracts, Housing Projects and Multi-Family Dwellings

1. Advances

a. Gas distribution main extensions to and/or in subdivisions, housing projects, and multi-family dwellings will be constructed, owned and maintained by the utility in advance of applications for service by ultimate users only when the entire estimated cost of such extensions, as determined by the utility, is advanced to the utility; however, the payment of the portion of such advance as the utility estimates would be refunded within six months under other provisions of this extension rule shall be postponed for six months if the subdivider-builder furnishes to the utility evidence that he has received state and local authorizations to proceed promptly with construction and that he has adequate financing, and provided further that the subdivider-builder agrees in writing in his contract for the extension to pay immediately at the end of six months all amounts not previously advanced which are not then refundable. At the end of such six-month period, the utility shall collect all such amounts not previously advanced which are not then refundable.

2. Method of Refund

The amount advanced in accordance with Sections C-1 hereof will be subject to refund as follows:

- a. Refunds of an advance will be predicated on connection of separately metered permanent general or firm service load and/or customers; will be made without interest; and will be made within ninety days after date of first service to such load and/or customer, except that refunds may be cumulated to \$25.00 minimum or the total refundable balance if less than \$25.00 before each refunding.
- b. For such load and/or customer the utility will refund an amount based on the footage that the allowable free length under Section B exceeds the length of main (if any) required to serve, multiplied by the unit cost per foot applicable at the time the extension was originally constructed.

APPENDIX C
Page 5 of 10

RULE NO. 15, GAS MAIN EXTENSIONS--Contd.

C. Main Extensions to Serve Subdivisions, Tracts, Housing Projects and Multi-Family Dwellings--Contd.

2. Method of Refund--Contd.

- c. Refunds also will be made for the appliances and the load specified in Section B-1 permanently installed in excess of the load installed originally when added within one year of first taking service. Such refunds will be made within ninety days after the utility receives notice of the addition by the customer.
- d. Where there are a series of extensions, on any of which an advance is still refundable, and the utility makes succeeding free extensions with excess allowances or where additional load or customers connect to succeeding extensions, refunds will be made to repay in turn each of such advances which remain refundable beginning with the first in series from the original point of supply.
- e. When two or more parties make a joint advance on the same extension, refundable amounts will be distributed to such parties in the same proportion as their individual advances bear to the total joint advance.
- f. No payment will be made by the utility in excess of the amount advanced by the applicant or applicants nor after a period of ten years from the date the utility is first ready to render service from the extension, and any unrefunded amount remaining at the end of the ten-year period will become the property of the utility.

3. Extensions to Serve Individuals

- a. Extensions to serve individual applicants for service in real estate subdivisions will be made in accordance with Section B hereof.

D. Main Extensions to Other than General or Firm Service Rate Schedule Applicants and Those Covered in Section C Above.

φ 1. Firm Industrial and Gas Engine

The utility will, at its own expense, install, own and maintain a length of gas distribution main, the cost of which shall not exceed * times the estimated annual revenue as determined by the utility. Any additional extension required will be installed, owned, and maintained by the utility provided the applicant pays to the utility an amount of money equal to the estimated cost of that portion of such extension necessary to supply the applicant's load in excess of that installed at the utility's expense. The amount so paid will be subject to refund in accordance with Section B.3.b. herein and for any unused free allowance for subsequent

* See Appendix D for specified amounts authorized at this time.

φ Those utilities not having firm industrial and/or gas engine schedules shall apply this provision to those customers who might be so classified.

APPENDIX C

Page 6 of 10

RULE NO. 15, GAS MAIN EXTENSIONS--Contd.

D. Main Extensions to Other than General or Firm Service Rate Schedule Applicants and Those Covered in Section C Above--Contd.

φ 1. Firm Industrial and Gas Engine--Contd.

firm industrial or gas engine customer extensions. The utility will require each applicant to execute an appropriate contract in the form which is on file with the Public Utilities Commission as part of the utility's effective tariff schedules. The utility will install, own and maintain the necessary service regulators, meters, and services all in accordance with the provisions of Rule No. 16.

2. Interruptible

Extensions of distribution mains and/or enlargements of existing distribution main capacities to furnish interruptible service will be installed, owned, and maintained by the utility provided: (1) in the utility's opinion, adequate supplies of gas are, and will continue to be available for firm service, and (2) the cost of such extension and/or enlargement does not exceed * times the estimated annual revenue as determined by the utility. Any additional extension and/or enlargement required will be installed, owned, and maintained by the utility provided the applicant pays to the utility an amount of money equal to the estimated cost of that portion of such extension or enlargement necessary to supply the applicant's load in excess of that installed at the utility's expense. The amount so paid will be subject to refund in accordance with Section B.3.b. herein and for any unused free allowance for subsequent firm industrial or gas engine customer extension. The utility will require each applicant to execute an appropriate contract in the form which is on file with the Public Utilities Commission as part of the utility's effective tariff schedules. The utility will install, own, and maintain the necessary service regulators, meters, and services all in accordance with the provisions of Rule No. 16.

E. Special Conditions

1. Contracts

Each applicant for service and persons requesting an extension in advance of applications for service will be required to execute contracts covering the terms under which the utility will install mains at its own expense or contracts covering main extensions for which advance deposits will be made in accordance with the provisions of the tariff schedules. Such contracts shall be in the form on file with the Public Utilities Commission as part of the utility's effective tariff schedules.

These contracts will provide, among other things, that applicant will install, commence using in a bona fide manner within six months after the date of the completion of the main extension and continue to so use for a period of three years, those appliances and items on which the utility's allowances are based. Such contract will also provide that if any applicant fails to take service or fails to install one or more of the appliances or items contracted for, the utility

* See Appendix D for specified amounts authorized at this time.

APPENDIX C
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RULE NO. 15, # GAS MAIN EXTENSIONS--Contd.

E. Special Conditions--Contd.

1. Contracts--Contd.

may calculate and bill the customer and the customer shall pay an amount according to the utility's main extension rule in effect at the time the extension was made as though service had been requested on the basis of the actual appliances and equipment installed and utilized.

2. Periodic Review

The utility will review its costs of construction of main extensions annually and shall prepare a contemplated tariff revision when such costs have changed by more than ten per cent since the last revision of the charge for excess footage as used in Section B.3. Contemplated revisions shall be submitted to the Commission for review in proposed form when prepared and not less than thirty days prior to any contemplated filing date.

3. Alternative Routes

Where applicable laws or regulations prevent the utilization of what otherwise would be the shortest practicable route for main extensions for the purpose of delivering gas service to the applicant, the applicant shall, subject to the provisions of this rule, provide the utility an alternative right of way satisfactory to it.

4. Amounts advanced under the conditions established by a rule previously in effect will be refunded in accordance with the requirements of such rule.

5. Extensions for temporary service or for operations of a speculative character or of a questionable permanency will not be made under this rule, but will be made in accordance with the rule pertaining to temporary service.

6. Service from High Pressure Transmission Mains

The utility will not tap a gas transmission main except at its option when conditions in its opinion justify such a tap. Where such taps are made, extensions of distribution mains supplied thereby will be made in accordance with the provisions of this rule.

7. Exceptional Cases

In unusual circumstances, when the application of this rule appears impractical or unjust to either party, the utility or the applicant shall refer the matter to the Public Utilities Commission for special ruling or for the approval of special conditions which may be mutually agreed upon, prior to commencing construction.

Southern California Gas Company will cancel Rule No. 32, and Southern Counties Gas Company of California will cancel Rule No. 31.

APPENDIX C
Page 8 of 10

RULE NO. 16,** GAS SERVICE EXTENSIONS

Extensions of gas distribution services necessary to furnish permanent gas service to applicants will be made by the utility in accordance with the following rules:

A. Service Connections for General or Firm Service

1. Upon application, the utility will furnish and install at its own expense, a service pipe of suitable capacity from its gas main to the property line of property abutting upon any public street, highway, alley, lane or road along which it already has or will install street mains, and will install, at its own expense, a further extension on the private property or as much of such extension as may be necessary to reach a meter location that is satisfactory to the utility based on 15 feet per customer for space heating gas use, 20 feet per customer for water heating gas use, 15 feet per customer for multi-burner gas range use, and 10 feet per customer for gas refrigerator use. For all other equipment of 10,000 Btu per hour input capacity or more, for each 10,000 Btu per hour input capacity or fraction thereof, an additional 5 feet will be installed at its own expense. The utility will install that portion of each service in excess of the portion installed at utility expense inside of the property line, subject to an advance to be paid by the applicant as set forth below.
2. In cases where the applicant's building is located a considerable distance from the main, or where service is taken off a high pressure transmission main, or where a hazard or obstruction such as plowed land between the gas main and the applicant's building prevents the utility from prudently installing a service pipe, the utility may, at its discretion, waive the above. In such cases the meter may be located at or near the applicant's property line, as close as practical to the utility's main at a location agreed upon by the customer. Where these conditions exist, the utility will install, at its own expense, service pipe only to the meter location.
3. Service Connections Beyond the Free Length
 - a. When the length of service connection on the applicant's premises, necessary to reach the approved meter location, exceeds the free allowance as stated above, the applicant shall pay to the utility the cost of excess length at \$ * per foot of service pipe 2 inches in diameter or smaller.
 - b. The cost per foot for service pipe will be based upon the systemwide average unit cost of installing service pipe up to 2 inches in diameter during the preceding calendar year and will be revised and become effective in accordance with Section H below.

* See Appendix D for specified amounts authorized at this time.

** Rule No. 21 may be used pending revision of rules. Also, where the existing rule contains items other than service extensions as set forth in General Order No. 96, these items if not in conflict with the rule set forth herein shall be refiled as a separate rule(s).

APPENDIX C
Page 9 of 10

RULE NO. 16, GAS SERVICE EXTENSIONS--Contd.

A. Service Connections for General or Firm Service--Contd.

3. Service Connections Beyond the Free Length--Contd.

- c. For service pipe larger than 2 inches in diameter, the utility will charge the actual cost per foot, less the cost for a 1-inch service for a distance equal to the allowed free footage.
- d. If, based upon the appliances or equipment found installed, there is a lesser allowance than that originally granted and an advance is required, additional to any prior advance made by the applicant, such additional advance shall be paid by the applicant.
- e. If, based upon the appliances or equipment found installed, there is a greater allowance than that originally granted and the applicant has made an advance, an appropriate refund will be made within 90 days after notice to the company of such added appliances, providing these are added within one year of commencing service.

B. Service Connection for Firm Industrial,
Gas Engine and Interruptible Service

1. The entire cost of a service connection for firm industrial, gas engine and interruptible service shall be included in the determination of required investment for mains and services and treated in accordance with the rule governing main extensions to these classes of customer.

C. One Service for a Single Premises

1. The utility will not install more than one service pipe to supply a single premises, unless it is for the convenience of the utility or an applicant requests an additional service and, in the opinion of the utility, an unreasonable burden would be placed on the applicant if the additional service were denied. When an additional service is installed under these conditions at the applicant's request, the applicant shall pay for the entire length of said additional service at the price per foot stated above in Section A.3.
2. When a service extension is made to a meter location upon private property which is subsequently subdivided into separate premises, with ownership of portions thereof divested to other than the applicant or the customer, the company shall have the right, upon written notice, to discontinue service without obligation or liability. Gas service, as required by said applicant or customer, will be re-established in accordance with the applicable provisions of the company's rules.

D. Branch Service

1. For additional dwelling units on the same or adjoining premises, the utility will install a branch service at the option of the utility, and will grant allowances on private property under the conditions as set forth in Sections A and B.

APPENDIX C
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RULE NO. 16, GAS SERVICE EXTENSIONS--Contd.

E. Relocation of Services

1. When in the judgment of the utility the relocation of a service, including metering facilities, is necessary and is due either to the maintenance of adequate service or operating convenience of the utility, the utility normally shall perform such work at its own expense.
2. If relocation of service pipe is due solely to meet the convenience of the applicant or the customer, such relocation, including metering facilities, shall be performed by the utility at the expense of the applicant or the customer.

F. Seasonal, Intermittent or Standby Service

1. When an applicant will use gas service in establishments occupied seasonally or intermittently, such as seasonal resorts and cottages or other part-time establishments, one-half of the allowance provided in Section A will apply. No allowance will be made for equipment used for standby or emergency purposes only.

G. Other Types of Service Connections

1. Where an applicant or customer requests another type of service connection such as stub services, curb meters and vaults, or service from transmission mains, the utility will consider each such request and will grant such reasonable allowances as it may determine.

H. Periodic Review

1. The utility will review its costs of construction of services annually and shall prepare a contemplated tariff revision when such costs have changed by more than 10 per cent since the last revision of the charge for excess footage as used in Section A.3. Contemplated revisions shall be submitted to the Commission for review in proposed form when prepared and not less than thirty days prior to any contemplated filing date.

I. Exceptional Cases

1. In unusual circumstances, when the application of this rule appears impractical or unjust to either party, the utility or the applicant shall refer the matter to the Public Utilities Commission for special ruling or for the approval of special conditions which may be mutually agreed upon, prior to commencing construction.

AUTHORIZED ALLOWANCES,
ADVANCES AND OTHER RULE PROVISIONS

Item No.	Unit	Calif.- Pacific Util. Co.	Pacific Gas and Elec.Co.	San Diego G&E Co.	So.Cal. Gas Company	So.Cos. Gas Co. of Calif.	South- west Gas Corp.
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Section B.1.a. Residential Use
(Required Listing)

For space heating equipment							
1	For the first 10,000 Btu per hour input capacity: feet	10	7	7	7	7	10
2	Additional, per 10,000 Btu per hour input capacity: feet	7	5	5	5	5	7
3	For each gas range customer: feet	80	50	50	50	50	80
4	For each storage type gas water heater customer: feet	100	80	80	80	80	100
5	For each gas refrigerator customer: feet	10	10	10	10	10	10
6	For each gas clothes dryer customer: feet	10	10	10	10	10	10
7.	For air conditioning equipment of 10,000 Btu per hr. input capacity or more, per 10,000 Btu per hr. input capacity: feet	20	20	20	20	20	20

(Optional Listing)

8	For each garbage incinerator customer: feet	-	-	-	5	5	-
9	For each swimming pool heater customer: feet	-	-	20	20	20	-

Section B.1.b. Use Other than Residential
Large Industrial or Gas Engine Service
(Required Listing)

For space heating equipment							
10	For the first 10,000 Btu per hour input capacity: feet	10	7	7	7	7	10
11	Additional, per 10,000 Btu per hour input capacity: feet	7	5	5	5	5	7
12	For cooking, per 10,000 Btu per hour input capacity: feet	9	7	7	7	7	9
13	For all other equipment of 10,000 Btu per hour input capacity or more, per 10,000 Btu per hour input capacity: feet	20	20	20	20	20	20

AUTHORIZED ALLOWANCES, ADVANCES
AND OTHER RULE PROVISIONS--Contd:

<u>Item No.</u>	<u>Unit</u>	<u>Calif.- Pacific Util.Co.</u>	<u>Pacific Gas and Elec.Co.</u>	<u>San Diego G&E Co.</u>	<u>So. Cal. Gas Company</u>	<u>So. Cos. Gas Co. of Calif.</u>	<u>South- west Gas Corp.</u>
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Section B.3.a. Advances

14	For each foot of main in excess of free length:						
	\$	1.55	1.80	1.60	1.70	1.40	1.15

Section D.1. Firm Industrial
and Gas Engine Service

15	Cost to estimated annual revenue:						
	times	1½	1½	1½	1½	1½	1½

Section D.2. Interruptible Service

16	Cost to estimated annual revenue:						
	times	1	1	1	1	1	1

Rule No. 16, Section A.3.a. Service Connection
Beyond Free Length

17	For the cost of excess length over free footage, per foot:						
	\$	1.00	1.20	1.05	1.19	.90	.80

APPENDIX E
Page 1 of 4

DEFINITIONS
(For Electric Utilities)

Applicant: A person or agency requesting the utility to supply electric service.

Application: A written request to the utility for electric service as distinguished from an inquiry as to the availability or charges for such service.

Company: (See Utility)

Company's Operating Convenience: The term refers to the utilization, under certain circumstances, of facilities or practices not ordinarily employed which contribute to the over-all efficiency of the utility's operations; it does not refer to customer convenience nor to the use of facilities or adoption of practices required to comply with applicable laws, ordinances, rules or regulations, or similar requirements of public authorities.

Distribution Lines: Overhead pole lines and/or underground facilities consisting of conduit and cable which are operated at nominal distribution voltages.

Domestic Service: Service for residential use at a dwelling premises. Any service for other than residential use at a dwelling premises may be served through the domestic service meter only where such nondomestic connected load does not exceed 300 watts for lighting or 2 hp for power.

Housing Project: A building or group of buildings located on a single premises and containing residential dwelling units for which master metering of electric service at one location has been requested.

Intermittent Service: Service which, in the opinion of the utility, is subject to discontinuance for a time or at intervals.

Line Extension: All facilities, excluding transformer, service connection and meter required to extend electric service from the utility's existing permanent facilities to the point of delivery to the customer.

Permanent Service: Service which, in the opinion of the utility, is of a permanent and established character. This may be continuous, intermittent, or seasonal in nature.

Public Utilities Commission: The Public Utilities Commission of the State of California.

Rules: Tariff sheets which set forth the application of all rates, charges, and service when such applicability is not set forth in and as a part of the rate schedules.

Seasonal Service: Service to establishments which are occupied seasonally or intermittently, such as seasonal resorts, cottages or other part-time establishments.

APPENDIX E
Page 2 of 4

DEFINITIONS--Contd.
(For Electric Utilities)

Service Wires or Connection: The group of conductors, whether overhead or underground, necessary to connect the service entrance conductors of the customer to the utility's supply line, regardless of the location of the utility's meters or transformers. An overhead service connection, sometimes referred to as a "service drop", is the group of conductors between the customer's building or other permanent support and the utility's adjacent pole.

Service Extension: Consists of the service wires or connections as above defined. Normally the "service drop" is furnished at the utility's expense.

Single-Family Dwelling or Accommodation: A house, an apartment, a flat, or any other residential unit which contains cooking facilities (not necessarily electric) and which is used as a residence by a single family.

Tariff Schedules: The entire body of effective rates, rentals, charges, and rules collectively of the utility, as set forth herein, and including title page, preliminary statement, rate schedules, rules, and sample forms.

Tariff Sheet: An individual sheet of the tariff schedules.

Tract or Subdivision: An area for family dwellings which may be identified by filed subdivision plans or as an area in which a group of dwellings may be constructed about the same time, either by a large scale builder or by several builders working on a coordinated basis.

Utility: (Insert name of the utility)

(The foregoing are definitions of the principal terms used in the extension rules only and are not to be construed as a complete list of definitions of the terms used in the tariff schedules.)

DEFINITIONS
(For Gas Utilities)

Applicant: A person or agency requesting the utility to supply gas service.

Application: A written request to the utility for gas service as distinguished from an inquiry as to the availability or charges for such service.

Branch Service: A service that is not connected to a gas main and has as its source of supply another service.

Company: (See utility)

Company's Operating Convenience: The term refers to the utilization, under certain circumstances, of facilities or practices not ordinarily employed which contribute to the over-all efficiency of the utility's operations; it does not refer to customer convenience nor to the use of facilities or adoption of practices required to comply with applicable laws, ordinances, rules or regulations, or similar requirements of public authorities.

Family Dwelling Unit: A group of rooms; such as a house, a flat, or an apartment which provides complete family living facilities in which the occupant normally cooks meals, eats, sleeps, and carries on the household operations incident to domestic life.

Firm Industrial (Non-Residential) Gas Service: Gas service to industrial customers for all purposes except directly for the cooking of meals, and normally not subject to curtailment.

Housing Project: A building or group of buildings located on a single premises and containing residential dwelling units for which master metering of gas service at one location has been requested.

Intermittent Service: Service which, in the opinion of the utility, is subject to discontinuance for a time or at intervals.

Interruptible Gas Service: Industrial service subject to interruption or curtailment at times of shortage of gas.

Main Extension: The length of main and its related facilities required to transport gas from the existing facilities to the point of connection with the service piping.

Permanent Service: Service which, in the opinion of the utility, is of a permanent and established character. This may be continuous, intermittent, or seasonal in nature.

APPENDIX E
Page 4 of 4

DEFINITIONS--Contd.
(For Gas Utilities)

Public Utilities Commission: The Public Utilities Commission of the State of California.

Residential Use: Gas service for use at family dwelling premises.

Rules: Tariff sheets which set forth the application of all rates, charges, and service when such applicability is not set forth in and as a part of the rate schedules.

Seasonal Service: Gas service to establishments which are occupied seasonally or intermittently, such as seasonal resorts, cottages or other part-time establishments.

Service: All pipe, valves, and fittings from and including the connection at the main up to and including the stop-cock on the riser.

Service Extension: Consists of the service as above defined when provided for a new customer at a premises not heretofore served in accordance with the service extension rule.

Stub Service: A lateral pipe, including valves and fittings, from and including the connection at the main to a dead end near the curb or property line of the street in which the main is located.

Tariff Schedules: The entire body of effective rates, rentals, charges, and rules, collectively, of the utility, as set forth herein, and including title page, preliminary statement, rate schedules, rules and sample forms.

Tariff Sheet: An individual sheet of the tariff schedule.

Tract or Subdivision: An area for family dwellings which may be identified by filed subdivision plans or as an area in which a group of dwellings may be constructed about the same time, either by a large scale builder or by several builders working on a coordinated basis.

Utility: (Insert name of utility)

(The foregoing are definitions of the principal terms used in the extension rules only and are not to be construed as a complete list of definitions of the terms used in the tariff schedules.)

APPENDIX F
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LIST OF APPEARANCES
ON REHEARING

For Applicants under A. 37604 and A. 37605: Southern California Gas Company, by T. J. Reynolds and Harry P. Letton, Jr.; Southern Counties Gas Company of California, by Milford Springer and Frederick Dutton.

For Respondents under Case No. 5945: T. J. Reynolds, H. P. Letton, Jr., and Reginald L. Vaughan, for Southern California Gas Company; Milford Springer and Reginald L. Vaughan, for Southern Counties Gas Company of California; Brobeck, Phleger & Harrison, by Robert N. Lowry and Gordon E. Davis, for The California-Oregon Power Company; Kollin E. Woodbury and C. Robert Simpson, for Southern California Edison Company; F. T. Searls and John Carroll Morrissey, by John Carroll Morrissey and John S. Cooper, for Pacific Gas and Electric Company; Chickering & Gregory, by C. Hayden Ames, Frank R. Porath and Angus G. MacDonell, for San Diego Gas & Electric Company; C. H. McCrea, for Southwest Gas Corporation; and W. W. Miller and Arthur D. Baldwin, for California Electric Power Company.

Protestants: Tamarack Construction Corporation, by George L. Dobson; Gustave W. Frank in propria persona.

Interested Parties: City of Pasadena, by Frank L. Kostlan; Harold Gold, Reuben Lozner and Gerald Jones, for Department of Defense and other executive agencies of the United States Government; William W. Eyers, for California Manufacturers Association; J. J. Deuel, for California Farm Bureau Federation; David Don, for Public Utilities Commission of Oregon; P. A. Erickson, T. M. Chubb, R. W. Russell and M. Kroman, for City of Los Angeles; Wyman C. Knapp of Gordon, Knapp, Gill and Hibbert, for J. I. Gillespie, Inc., Basin Builders Corporation, Venice; Sycamore Land Co., Inc., Los Angeles; George Alexander Co., Los Angeles; The Capri, Fullerton; Tietz Construction Co., Garden Grove; Joe Eagle and Abe Viskter, North Hollywood; Weiss Construction Corporation, Los Angeles; Inland Empire Builders, Inc., Riverside; Craign Development Corporation, Tustin; Triangle Subdivisions, Sherman Oaks; G & K Construction Co., Sherman Oaks; C & M Homes, Azusa, California; Meeker Development Company, Arcadia; H. Cedric Roberts & Sons, Anaheim; Henry C. Cox, Garden Grove; Claremont Highlands, Inc., Claremont; Surety Development Company, Van Nuys; Julian Weinstock Construction Co., Inc., Sherman Oaks; Morley Construction Company, Los Angeles; Gangi & Gangi, Glendale; Burt Huss, Santa Ana; Yoder & Greenwald, Tustin; Homer Toberman, Hollywood; Tamarack Construction Corporation, Van Nuys; The Sturtevant Corporation, Santa Ana; Moss Building Corporation, Beverly Hills; Dike & Colegrove, Inc., Costa Mesa; Lomita Square Corporation, Pasadena; Murray-Sanders Co., Santa Ana; Marjan Development Co., Anaheim.

Commission Staff: Mary Moran Pajalich, James S. Eddy, and Clarence Umnevehr.

APPENDIX F
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LIST OF WITNESSES
ORIGINAL PROCEEDING

Evidence was presented on behalf of the applicants and respondents by: Frank M. Foster, C. R. Rikel, Carlton E. Brown, M. A. Seeley, A. T. Fagergren, W. C. Drewry, J. H. Mead, Robert P. O'Brien, C. L. Ashley, W. J. Herrman, G. C. Delvaille, Harry Olsen, R. W. Joyce, J. C. Russell, Jr., John H. Woy, C. Robert Simpson, Jr., Charles W. Mors and Frank R. Porath.

Evidence was presented on behalf of protestants and interested parties by: Henry Cox, Harry Rinker, Marvin Wilson, Sidney Stamler, Lee Reise, J. J. Deuel, Roger S. Erickson, Joseph Rosman, Gordon G. Mitchell, Frederick W. Atkinson, Robert G. Rogo, Paul M. Sapp, John D. McLaughlin, Herbert C. Jung and Joseph Ellis Armstrong.

Evidence was presented on behalf of the Commission staff by: Harold T. Sipe, Robert W. Laughead, Clarence Unnevehr and Robert O. Randall.

LIST OF WITNESSES ON REHEARING

Evidence was presented on behalf of applicants and respondents by: G. C. Delvaille, F. M. Foster, W. J. Herman, Roy G. Haney, John F. Roberts, Jr., and R. W. Joyce.

Evidence was presented on behalf of the Commission staff by: Lewis W. Mendonsa.