



**ELECTRIC RULE NO. 15**  
**DISTRIBUTION LINE EXTENSIONS**

Sheet 1

APPLICABILITY: This rule is applicable to extension of electric Distribution Lines\* of PG&E's standard voltages (less than 50 kV) necessary to furnish Permanent electric service to Applicants, and will be made in accordance with the following provisions:

A. GENERAL

1. DISTRIBUTION LINE EXTENSION BASIS

- a. DESIGN. PG&E will be responsible for planning, designing, and engineering Distribution Line Extensions using PG&E's standards for material, design, and construction. Applicants may elect to use the Applicant Design Option provisions of this Rule to design that portion of the Distribution Line Extension normally designed by PG&E. (T)
- b. OWNERSHIP. The Distribution Line Extension facilities installed under the provisions of this rule, shall be owned, operated, and maintained by PG&E, except for Substructures and enclosures that are on, under, within, or part of a building or structure.
- c. PRIVATE LINES. PG&E shall not be required to serve any Applicant from Distribution Line Extension facilities that are not owned, operated, and maintained by PG&E.

2. DISTRIBUTION LINE EXTENSION LOCATIONS

- a. RIGHTS OF WAY. PG&E will own, operate and maintain Distribution Line Extension facilities only:
  - 1) along public streets, alleys, roads, highways and other publicly dedicated ways and places which PG&E has the legal right to occupy (franchise areas), and
  - 2) on public lands and private property across which rights of way and permits satisfactory to PG&E may be obtained without cost to or condemnation by PG&E.
- b. NORMAL ROUTE OF LINE. The length and normal route of a Distribution Line Extension will be determined by PG&E and considered as the distance along the shortest, most practical, available, and acceptable route which is clear of obstructions from PG&E's nearest permanent and available distribution facility to the point from which the service facilities will be connected.

\* Certain words beginning with capital letters are defined either within the provisions of this rule or in Section J of this rule.

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Sheet 2

A. GENERAL (Cont'd.)

3. UNDERGROUND DISTRIBUTION LINE EXTENSIONS

- a. UNDERGROUND REQUIRED. Underground Distribution Line Extensions shall be installed where required to comply with applicable laws and ordinances or similar requirements of governmental authorities having jurisdiction and where PG&E maintains or desires to maintain underground distribution facilities. For example, underground Distribution Line Extensions are required for all new: (1) Residential Subdivisions (except as provided for in Section H), (2) Residential Developments, (3) Commercial Developments, (4) Industrial Developments, and (5) locations that are in proximity to and visible from designated Scenic Areas. (T)
- b. UNDERGROUND OPTIONAL. When requested by Applicant and agreed upon by PG&E, underground Distribution Line Extensions may be installed in areas where it is not required, as provided in Section A.3.a.

- 4. OVERHEAD DISTRIBUTION LINE EXTENSIONS. Overhead extensions may be installed only where underground Distribution Line Extensions are not required as provided in Section A.3.a.
- 5. SPECIAL OR ADDED FACILITIES. Any special or added facilities PG&E agrees to install at the request of Applicant will be installed at Applicant's expense in accordance with Rule 2—Description of Service.
- 6. TEMPORARY SERVICE. Facilities installed for temporary service or for operations of speculative character or questionable permanency shall be made in accordance with the fundamental installation and ownership provisions of this rule, except that all charges and refunds shall be made under the provisions of Rule 13—Temporary Service.
- 7. SERVICES. Service facilities connected to the Distribution Lines to serve an Applicant's premises will be installed, owned and maintained as provided in Rule 16—Service Extensions.
- 8. CONVERSIONS OF OVERHEAD TO UNDERGROUND. The replacement of existing overhead Distribution Lines with underground Distribution Lines will be made in accordance with Rule 20—Replacement of Overhead With Underground Electric Facilities.

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Sheet 3

A. GENERAL (Cont'd.)

- 9. STREET LIGHTS. Street lights and appurtenant facilities shall be installed in accordance with the service provisions of the applicable street light schedule.
- 10. CONTRACTS. Each Applicant requesting a Distribution Line Extension may be required to execute a written contract(s), prior to PG&E performing its work on the Distribution Line Extension. Such contracts shall be in the form on file with the California Public Utilities Commission (Commission). (T)

B. INSTALLATION RESPONSIBILITIES

- 1. UNDERGROUND DISTRIBUTION LINE EXTENSIONS (T)
  - a. APPLICANT RESPONSIBILITY. In accordance with PG&E's design, specifications, and requirements, Applicant is responsible for:
    - 1) EXCAVATION. All necessary trenching, backfilling, and other digging as required.
    - 2) SUBSTRUCTURES AND CONDUITS. Furnishing, installing, and upon acceptance by PG&E, conveying to PG&E ownership of all necessary installed Substructures and Conduits, including Feeder Conduits and related Substructures required to extend to and within subdivisions and developments.
    - 3) PROTECTIVE STRUCTURES. Furnishing, installing, and upon acceptance by PG&E, conveying to PG&E ownership of all necessary Protective Structures.
  - b. PG&E RESPONSIBILITY. PG&E is responsible for furnishing and installing cables, switches, transformers, and other distribution facilities required to complete the Distribution Line Extension. (T)
- 2. OVERHEAD DISTRIBUTION LINE EXTENSIONS. PG&E is responsible for furnishing and installing all facilities required for the Distribution Pole Line Extension. (T)

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B. INSTALLATION RESPONSIBILITIES (Cont'd.)

3. INSTALLATION OPTIONS

- a. PG&E-PERFORMED WORK. Where requested by Applicant and mutually agreed upon, PG&E may perform that portion of the new Distribution Line Extension work normally installed by Applicant according to Section B.1.a., provided Applicant pays PG&E its total estimated installed cost.
- b. APPLICANT-PERFORMED WORK. Applicant may elect to install that portion of the new Distribution Line Extension normally installed by PG&E, in accordance with PG&E's design and specifications, using qualified contractors. (See Section G, Applicant-Installation Options).

C. DISTRIBUTION LINE EXTENSION ALLOWANCES

- 1. GENERAL. PG&E will complete a Distribution Line Extension without charge provided PG&E's total estimated installed costs do not exceed the allowances from permanent, bona-fide loads to be served by the Distribution Line Extension within a reasonable time, as determined by PG&E. The allowance will first be applied to the Residential Service Facilities, in accordance with Rule 16. Any excess allowance will be applied to the Distribution Line Extension to which the Service Extension is connected. The allowance for non-residential applicants will be applied to the combined refundable cost of the Distribution and Service Extensions.
- 2. BASIS OF ALLOWANCES. Allowances shall be granted to an Applicant for Permanent Service, or to an Applicant for a subdivision or development under the following conditions:
  - a. PG&E is provided evidence that construction will proceed promptly and financing is adequate, and
  - b. Applicant has submitted evidence of building permit(s) or fully-executed home purchase contract(s) or lease agreement(s), or
  - c. Where there is equivalent evidence of occupancy or electric usage satisfactory to PG&E.

The allowances in Sections C.3 and C.4 are based on a revenue-supported methodology using the following formula:

$$\text{Allowance} = \frac{\text{Net Revenue}}{\text{Cost-of Service Factor}}$$

where the Cost of Service Factor is the annualized utility-financed Cost of Ownership as (N)  
 stated in Electric Rule 2. (N)

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C. DISTRIBUTION LINE EXTENSION ALLOWANCES (Cont'd.)

- 3. RESIDENTIAL ALLOWANCES. The allowance for Distribution Line Extensions, Service Extensions, or a combination thereof, for Permanent Residential Service is \$1,918 per meter or residential dwelling unit. (R)
- 4. NON-RESIDENTIAL ALLOWANCES. The allowance for Distribution Line Extensions, Service Extensions, or a combination thereof, for Permanent Non-Residential Service is determined by PG&E using the formula in Section C.2.

Where the Distribution Line Extension will serve a combination of residential and non-residential meters, residential allowances will be added to non-residential allowances.

- 5. SEASONAL, INTERMITTENT, EMERGENCY, AND INSIGNIFICANT LOADS. When an Applicant requests service that requires a Distribution Line Extension to serve loads that are seasonal or intermittent, the allowance for such loads shall be determined using the formula in Section C.2. No allowance will be provided where service is used only for emergency purposes, or for Insignificant Loads.

D. CONTRIBUTIONS OR ADVANCES BY APPLICANT

- 1. GENERAL. Contributions or Advances by an Applicant to PG&E for the installation of a Distribution Line Extension to receive PG&E service consists of such things as cash payments, the value of facilities deeded to PG&E, and the value of Excavation performed by Applicant.
- 2. PROJECT-SPECIFIC COST ESTIMATES. PG&E's total estimated installed cost will be based on a project-specific estimated cost.
- 3. CASH ADVANCE. A cash Advance will be required only if Applicant's excess allowance is less than PG&E's total estimated installed cost to complete a Distribution Line Extension.

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D. CONTRIBUTIONS OR ADVANCES BY APPLICANT (Cont'd.)

- 4. TAX. All contributions and advances by Applicant are taxable and shall include an Income Tax Component of Contribution (ITCC) at the rate provided in PG&E's Preliminary Statement. ITCC will be either refundable or non-refundable in accordance with the corresponding contribution. (T)
- 5. REFUNDABLE AND NON-REFUNDABLE AMOUNTS. Applicant shall contribute or advance, before the start of PG&E's construction, the following: (T)
  - a. UNDERGROUND REFUNDABLE AMOUNT. Applicant's refundable amount is the portion of the PG&E's total estimated installed cost, including ITCC, to complete the underground Distribution Line Extension (including distribution transformers, and any non-residential service facilities, and excluding Betterments) that exceeds the amount of Distribution Line Extension allowance determined in Section C for:
    - 1) CABLING. The estimated installed cost of any necessary Cabling (including distribution transformers and any non-residential service facilities) installed by PG&E to complete the underground Distribution Line Extension. This includes the cost of conversion of existing single-phase lines to three-phase lines, if required; plus
    - 2) SUBSTRUCTURES. PG&E's estimated value of Substructures installed by Applicant and deeded to PG&E as required.
  - b. OVERHEAD REFUNDABLE AMOUNT. Applicant's refundable amount is the portion of the PG&E's total estimated installed cost, including ITCC, to complete the overhead Distribution Line Extension (including distribution transformers, and any non-residential service facilities, and excluding Betterments) that exceeds the amount of Distribution Line Extension allowance determined in Section C for:
    - 1) POLE LINE. All necessary facilities required for an overhead Distribution Pole Line Extension and, if required, the conversion of existing single-phase lines to three-phase lines; plus
    - 2) TRANSMISSION UNDERBUILDS. PG&E's total estimated installed cost of the underbuild, where all or a portion of an overhead Distribution Line Extension is to be constructed on existing transmission poles of PG&E.

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D. CONTRIBUTIONS OR ADVANCES BY APPLICANT (Cont'd.)

5. REFUNDABLE AND NON-REFUNDABLE AMOUNTS (Cont'd.)

- c. NON-REFUNDABLE DISCOUNT OPTION. In lieu of contributing the refundable amount determined in Section D.5.a or D.5.b, Applicant has the option of contributing, on a non-refundable basis, fifty percent (50%) of such refundable amount; plus (T)
- d. OTHER NON-REFUNDABLE AMOUNTS. Applicant's non-refundable amount is PG&E's estimated value of Excavation, Conduits, Protective Structures required by PG&E for the Distribution Line Extension under Section B.1.a.

6. JOINT APPLICANTS. The total contribution or advance from a group of Applicants will be apportioned among the members of the group in such manner as they may mutually agree.

7. PAYMENT ADJUSTMENTS

- a. CONTRACT COMPLIANCE. If, after six (6) months following the date PG&E is first ready to serve residential loads for which allowances were granted, one (1) year for non-residential loads, Applicant fails to take service, or fails to use the service contracted for, Applicant shall pay to PG&E an additional contribution or Advance, based on the allowances for the revenue actually generated.
- b. EXCESS FACILITIES. If the loads provided by Applicant(s) result in PG&E having installed facilities which are in excess of those needed to serve the actual loads, and PG&E elects to reduce such excess facilities, Applicant shall pay PG&E its estimated total costs to remove, abandon, or replace the excess facilities, less the estimated salvage of any removed facilities.

E. REFUNDS

- 1. GENERAL. Refunds are based on the allowances and conditions in effect at the time the contract is signed. Residential Allowances: the allowance in excess of that needed for the Residential Service Extension in accordance with Rule 16 will be applied to the Distribution Line Extension to which the Service Extension is connected. Non-Residential Allowances: the allowances for non-residential applicants will be applied to the combined refundable cost of the Distribution and Service Extension.
- 2. TOTAL REFUNDABLE AMOUNT. The total amount subject to refund is the sum of the refundable amounts made under Section D.6.

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	<u>03-09-054</u>		<i>Vice President</i>	<i>Resolution No.</i>	<u>G-3364</u>
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E. REFUNDS (Cont'd.)

3. REFUND PERIOD. The total refundable amount is subject to refund for a period of ten (10) years after the Distribution Line Extension is first ready for service.
4. RESIDENTIAL. Refunds will be made on the basis of a new customer's Permanent Load which produces additional revenues to PG&E. The refund will be deducted from the total refundable amount, and the remaining amount subject to refund represents that portion of the Distribution Line Extension cost not supported by revenues. (See Section E.11 for series refunding provisions.)
5. NON-RESIDENTIAL. PG&E shall be responsible to review Applicant's actual base annual revenue for the first three years from the date PG&E is first ready to serve. Applicant shall be responsible for notifying PG&E if new, permanent load is added the fourth through tenth year from the date PG&E is first ready to serve. Such review shall determine if additional revenue supports any refunds to Applicant. (See Section E.11 for series refunding provisions.)
6. UNSUPPORTED DISTRIBUTION LINE EXTENSION COST. When any portion of a refundable amount has not qualified for a refund at the end of twelve (12) months from the date PG&E is first ready to serve, Applicant will pay to PG&E a monthly Cost of Ownership charge (Electric Rule 2 applicant-financed Cost of Ownership percentage) on the remaining refundable balance. Monthly Cost of Ownership costs are in addition to the refundable amount and will normally be accumulated and deducted from refunds due to Applicant. This provision does not apply to individual residential Applicants. (T)  
(T)  
(T)
7. REFUND TIMING. Refunds will be made without interest within ninety (90) days after the date of first service to new permanent loads, except that refunds may be accumulated to fifty-dollars (\$50) minimum or the total refundable balance, if less than fifty-dollars (\$50).
8. MAXIMUM REFUND. No refund shall be made in excess of the refundable amount nor after a period of ten (10) years from the date PG&E is first ready to serve. Any unrefunded amount remaining at the end of the ten(10)-year period shall become property of PG&E.

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E. REFUNDS (Cont'd.)

- 9. PREVIOUS RULES. Refundable amounts Contributed or Advanced under conditions of a rule previously in effect will be refunded in accordance with the provisions of such earlier rule.
- 10. JOINT APPLICANTS. When two (2) or more parties make joint Contributions or Advances on the same Distribution Line Extension, refunds will be distributed to these parties in the same proportion as their individual Contributions or Advances bear to the total refundable amount, or as they mutually agree. (T)
- 11. SERIES OF DISTRIBUTION LINE EXTENSIONS. Where there is a series of Distribution Line Extensions, commencing with a Distribution Line Extension having an outstanding amount subject to refund, and each Distribution Line Extension is dependent on the previous Distribution Line Extension as a direct source of supply, a series refund will be made as follows: (T)
  - a. Additional service connections supplied from a Distribution Line Extension on which there is a refundable amount will provide refunds first to the Distribution Line Extension to which they are connected; and (T)
  - b. When the amount subject to refund on a Distribution Line Extension in a series is fully refunded, the excess refundable amount will provide refunds to the Distribution Line Extension having the oldest outstanding amount subject to refund in the series. (T)

(L)

(Continued)



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Sheet 10

F. APPLICANT DESIGN OPTION

(T)

1. **COMPETITIVE BIDDING.** When Applicant selects competitive bidding, the Distribution Line Extension may be designed by Applicant's qualified contractor or sub-contractor, but the design must be in accordance with PG&E's design and construction standards. All applicant design work of gas and electric facilities must be performed by or under the direction of a licensed professional engineer and all design work submitted to PG&E must be certified by an appropriately licensed professional engineer, consistent with the applicable federal, state, and local codes and ordinances. The applicant design option is available to Applicants for new service and is not available for replacement, reinforcement, or relocation of existing systems, where there is no applicant for new line or service extension work. Under this option, the following applies:

- a. Applicant shall notify PG&E, in a manner acceptable to PG&E.
- b. Applicant designs shall conform to all applicable federal, state and local codes and ordinances for utility installations (such as, but not limited to the California Business and Professions Code).
- c. PG&E may require applicant designers to meet its pre-qualification requirements prior to participating in applicant design.

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**F. APPLICANT DESIGN OPTION FOR NEW RESIDENTIAL INSTALLATIONS**  
 (Cont'd.)

**1. COMPETITIVE BIDDING (Cont'd.)**

- d. Applicant designers shall obtain PG&E's design and construction standards and specifications prior to performing applicant design. PG&E may charge for any of these services.
- e. PG&E will perform one plan check on each applicant design project at no expense to Applicant. All subsequent plan checks will be at Applicant's expense.
- f. For designs performed by a non-utility designer, PG&E will credit Applicant with the amount of PG&E's design bid less appropriate charges such as for plan checking, changes, or revisions.
- g. In the case of Applicant designed projects requiring an advance, PG&E will deduct the design credit from Applicant's advance.
- h. If no advance is required, will reimburse/refund the Applicant for the cost of the design after the Distribution Line Extension is first ready to serve.
- i. PG&E shall perform all project accounting and cost estimating.
- j. The applicant design option for new non-residential installations will be available as an option to Applicants no later than July 1, 2001.

**G. APPLICANT INSTALLATION OPTIONS**

- 1. **COMPETITIVE BIDDING.** When Applicant selects competitive bidding, the extension may be installed by Applicant's qualified contractor or sub-contractor in accordance with PG&E's design and specifications. Under this option, the following applies:

(D)

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Sheet 12

G. APPLICANT INSTALLATION OPTIONS (Cont'd.)

1. COMPETITIVE BIDDING (Cont'd.)

- Upon completion of Applicant's installation and acceptance by PG&E, ownership of all such facilities will transfer to PG&E. (T)
- b. Applicant shall provide to PG&E, prior to PG&E preparing the line extension contract, the Applicant's Contract Anticipated Costs subject to refund to perform the work normally provided by PG&E. The Applicant shall submit, on a form provided by PG&E, a statement of such costs. If the Applicant elects not to provide such costs to PG&E, the Applicant shall acknowledge its election on the form and PG&E will use its estimated costs. (N)
- c. Applicant shall pay to PG&E, subject to the refund and allowance provisions of Rules 15 and 16, PG&E's estimated cost of work performed by PG&E for the Distribution Line Extension, including the estimated costs of design, administration, and installation of any additional facilities. (T)
- d. The lower of PG&E's estimated refundable costs, or Applicant's Contract Anticipated Costs, as reported in G.1.b., for the work normally performed by PG&E, shall be subject to the refund and allowance provisions of Rules 15 and 16. (N)
- e. Applicant shall pay to PG&E the estimated cost of PG&E's inspection, which shall be a fixed amount not subject to reconciliation. Such inspection costs may be subject to otherwise available allowances up to the difference between the Applicant's Contract Anticipated Costs as reported in G.1.b. and PG&E's estimated costs for performing the same work, but not to exceed PG&E's estimated costs. (N)
- f. Only duly authorized employees of PG&E are allowed to connect to, disconnect from, or perform any work upon PG&E's facilities. (L)

(Continued)

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Sheet 13

G. APPLICANT INSTALLATION OPTIONS (Cont'd.)

- 2. MINIMUM CONTRACTOR QUALIFICATIONS. Applicant's contractor or subcontractor (QC/S) shall: (L)
  - a. Be licensed in California for the appropriate type of work (electrical and general, etc.).
  - b. Employ workmen properly qualified for specific skills required (Qualified Electrical Worker, Qualified Person, etc.) as defined in State of California High Voltage Safety Orders (Title 8, Chapter 4, Subchapter 5, Group 2).
  - c. Comply with applicable laws (Equal Opportunity Regulations, OSHA, EPA, etc.)
  
- 3. OTHER CONTRACTOR QUALIFICATIONS. An Applicant for service who intends to employ a QC/S also should consider whether the QC/S:
  - a. Is technically competent.
  - b. Has access to proper equipment. (L)
  - c. Demonstrates financial responsibility commensurate with the scope of the contract.
  - d. Has adequate insurance coverage (worker's compensation, liability, property damage).
  - e. Is able to furnish a surety bond for performance of the contract, if required.

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H. OVERHEAD DISTRIBUTION LINE EXTENSIONS FOR SUBDIVISIONS OR DEVELOPMENTS (T)

1. Overhead extensions may be constructed in Residential Subdivisions or Developments only where either a. or b. below are found to exist:

a. The lots within the Residential Subdivision or Development existed as legally described parcels prior to May 5, 1970, and significant overhead lines exist within the subdivision or development.

b. The minimum parcel size within the new Residential Subdivision or real estate development, identifiable by a map filed with the local government authority, is three (3) acres and Applicant for the Distribution Line Extension shows that all of the following conditions exist: (T)

1) Local ordinances do not require underground construction.

2) Local ordinances or land use policies do not permit further division of the parcels involved such that parcel sizes less than three (3) acres could be formed.

3) Local ordinances or deed restrictions do not allow more than one single-family dwelling or accommodation on a parcel of less than three (3) acres, or any portion of a parcel of less than three (3) acres.

4) Exceptional circumstances do not exist which, in PG&E's opinion, warrant the installation of underground distribution facilities. Whenever PG&E invokes this provision, the circumstances shall be described promptly in a letter to the Commission, with a copy to Applicant for the Distribution Line Extension. (T)

5) PG&E does not elect to install the Distribution Line Extension underground for its operating convenience. Whenever PG&E elects to install the extension underground for its operating convenience, the extra cost compared with overhead shall be borne by PG&E. (T)

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Sheet 15

**I. SPECIAL CONDITIONS**

1. **FACILITY RELOCATION OR REARRANGEMENT.** Any relocation or rearrangement of PG&E's existing facilities, at the request of, or to meet the convenience of an Applicant or customer, and agreed upon by PG&E, normally shall be performed by PG&E. Where new facilities can be constructed in a separate location, before abandonment or removal of any existing facilities, and Applicant requests to perform the new construction work, it can be performed under the applicable provisions of Section G, Applicant Installation Options.

In all instances, PG&E shall abandon or remove its existing facilities, at the option of PG&E. Applicant or customer shall be responsible for the costs of all related relocation, rearrangement and removal work.

2. **PERIODIC REVIEW.** PG&E will periodically review the factors it uses to determine its residential allowances, non-refundable discount option percentage rate, and Cost-of-Service Factor stated in this rule. If such review results in a change of more than five percent (5%), PG&E will submit a tariff revision proposal to the Commission for review and approval. Such proposed changes shall be submitted no sooner than six (6) months after the last revision.

(D)

Additionally, PG&E shall submit by advice letter proposed tariff revisions, which result from other relevant Commission decisions, to the allowance formula for calculating line and service extension allowances.

3. **EXCEPTIONAL CASES.** When the application of this rule appears impractical or unjust to either party or the ratepayers, PG&E or Applicant may refer the matter to the Commission for a special ruling or for special condition(s), which may be mutually agreed upon.

(Continued)

Advice Letter No: 1963-E-B  
 Decision No. 99-06-079

Issued by  
**DeAnn Hapner**  
 Vice President  
 Rates Account Services

Date Filed January 12, 2001  
 Effective April 1, 2001  
 Resolution No. \_\_\_\_\_



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Sheet 16

J. DEFINITIONS FOR RULE 15

**ADVANCE:** Cash payments made to PG&E prior to the initiation of any work done by PG&E which is not covered by allowances.

**APPLICANT:** A person or agency requesting PG&E to supply electric service.

**APPLICANT'S CONTRACT ANTICIPATED COST:** The cost estimate provided by the Applicant's contractor to the Applicant for performing the applicable refundable work, as stated on the Statement of Applicant's Contract Anticipated Costs (Form 79-1003), or in the case where the work is performed by the Applicant, the Applicant's own cost estimate on the signed form.

**BETTERMENT:** Facilities installed by Applicant at the request of PG&E in addition to those required under Section B.1.a.

**CABLING:** Conductors (including cable-in-conduit, if used), connectors, switches, as required by PG&E for primary, secondary, and service installations.

**COMMERCIAL DEVELOPMENT:** Two (2) or more enterprises engaged in trade or the furnishing of services, (e.g., shopping centers, sales enterprises, business offices, professional offices, and educational or governmental complexes) and located on a single parcel or on two (2) or more contiguous parcels of land.

**CONDUIT:** Ducts, pipes, or tubes of certain metals, plastics or other materials acceptable to PG&E (including pull wires and concrete encasement where required) for the installation and protection of electric wires and cables.

**CONTRIBUTION:** In-kind services and the value of all property conveyed to PG&E at any time during PG&E's work on an extension which is part of PG&E's total estimated installed cost of its facilities, or cash payments not covered by Applicant's allowances. (N)  
 (N)

**COST OF SERVICE FACTOR:** The annualized utility-financed Cost of Ownership as stated in monthly format in Rule 2 that includes taxes, return and depreciation and is applied to the Net Revenue to determine PG&E's investment in distribution facilities.

**DISTRIBUTION LINE EXTENSION:** New distribution facilities of PG&E that is a continuation of, or branch from, the nearest available existing permanent Distribution Line (including any facility rearrangements and relocations necessary to accommodate the extension) to the point of connection of the last service. PG&E's Line Extension includes transmission underbuilds and converting an existing single-phase line to three-phase in order to furnish three-phase service to an Applicant, but excludes transformers, meters and services.

(Continued)



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**DISTRIBUTION LINE EXTENSIONS**

Sheet 17

- J. DEFINITIONS FOR RULE 15 (Cont'd.) (T)
- DISTRIBUTION LINES: PG&E's overhead and underground lines which are operated at distribution voltages and which are designed to supply two or more services. (L)
- DISTRIBUTION TRENCH FOOTAGE: The total trench footage used for calculating cabling costs. It is determined by adding the total length of all new and existing trench for the installation of underground primary and secondary Distribution Lines designed to supply two (2) or more services (excluding service trench footage under Rule 16). (L)
- EXCAVATION: All necessary trenching, backfilling, and other digging as required to install Distribution Line Extension facilities including furnishing of any imported backfill material, and disposal of spoil as required, surface repair and replacement, landscape repair and replacement. (T)
- FEEDER CONDUIT: Conduit for such uses as part of a backbone system to provide for future anticipated load growth outside the subdivision involved, to provide for future anticipated load growth in the existing subdivision and the existing subdivisions in close proximity, to balance loads between substations, to interconnect the service to the subdivision with service to subsequent developments outside the subdivision, and to provide the flexibility and versatility of modifying or supplying emergency backup power to the area involved.
- FRANCHISE AREA: Public streets, roads, highways and other public ways and places where PG&E has a legal right to occupy under Franchise Agreements with governmental bodies having jurisdiction.
- INDUSTRIAL DEVELOPMENT: Two (2) or more enterprises engaged in a process which creates a product or changes material into another form or product and located on a single parcel or on two (2) or more contiguous parcels of land.
- INSIGNIFICANT LOADS: Small operating loads such as gate openers, valve controls, clocks, timing devices, fire protection equipment, alarm devices, etc.
- INTERMITTENT LOADS: Loads which, in the opinion of PG&E, are subject to discontinuance for a time or at intervals. (D)

(Continued)



**ELECTRIC RULE NO. 15**  
**DISTRIBUTION LINE EXTENSIONS**

Sheet 18

J. DEFINITIONS FOR RULE 15 (Cont'd.)

MONTHLY OWNERSHIP CHARGE: Cost of Ownership charges (from Electric Rule 2 customer- financed Cost of Ownership percentage) as a percentage rate applied against the outstanding unrefunded refundable balance after twelve (12) months from the date PG&E is first ready to serve. Serves to recover the cost of operating and maintaining customer-financed facilities that are not fully utilized. (N)

NET REVENUE: That portion of the total rate revenues that supports PG&E's Distribution Line and Service Extension costs and excludes such items as energy, transmission, Competition Transition Charge (CTC), public purpose programs, revenue cycle services revenues, and other revenues that do not support the Distribution Line and Service Extension costs.

NON-RESIDENTIAL ALLOWANCES NET REVENUE MULTIPLIER: This is a revenue-supported factor determined by PG&E that is applied to the net revenues expected from non-residential loads to determine non-residential allowances. (D)

PERMANENT SERVICE: Service which, in the opinion of PG&E, is of a permanent and established character. This may be continuous, intermittent, or seasonal in nature.

POLE LINE: Poles, cross-arms, insulators, conductors, switches, guy-wires, and other related equipment used in the construction of an electric overhead line.

PROTECTIVE STRUCTURES: Fences, retaining walls (in lieu of grading), sound barriers, posts, or barricades and other structures as required by PG&E to protect distribution equipment.

RESIDENTIAL DEVELOPMENT: Five (5) or more dwelling units in two (2) or more buildings located on a single parcel of land.

RESIDENTIAL SUBDIVISION: An area of five (5) or more lots for residential dwelling units which may be identified by filed subdivision plans or an area in which a group of dwellings may be constructed about the same time, either by a builder or several builders working on a coordinated basis.

(Continued)



**ELECTRIC RULE NO. 15**  
**DISTRIBUTION LINE EXTENSIONS**

Sheet 19

J. DEFINITIONS FOR RULE 15 (Cont'd.)

(T)

**SCENIC AREAS:** An area such as a scenic highway, a state or national park or other area determined by a governmental agency to be of unusual scenic interest to the general public. Scenic highways are officially designated under the California Scenic Highway Program established pursuant to Paragraph 320 of the Public Utilities Code and applicable sections of the Streets and Highway Code. State or national parks or other areas of unusual scenic interest to the general public are determined by the appropriate governmental agency. "In proximity to" shall mean within 1,000 feet from each edge of the right-of-way of designated scenic highways and from the boundaries of designated parks and scenic areas. "Visible from" shall mean that overhead distribution facilities could be seen by motorists or pedestrians traveling along scenic highways or visiting parks or scenic areas.

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

**SUBSTRUCTURES:** The surface and subsurface structures which are necessary to contain or support PG&E's electric facilities. This includes, but is not limited to, such things as splice boxes, pull boxes, equipment vaults and enclosures, foundations or pads for surface-mounted equipment.

**TRENCHING:** See Excavation.