



RULE 15

GAS MAIN EXTENSIONS

APPLICABILITY: This rule is applicable to the extension of gas Distribution Mains* necessary to furnish Permanent Service to Applicants, and will be made in accordance with the following provisions:

A. GENERAL

1. Extension Basis

- a. Design: Utility will be responsible for planning, designing, and engineering extensions using the utility's standards for material, design, and construction. Applicant may elect to design that portion of the new extension normally designed by utility in accordance with the Applicant Design provisions in Section F.
- b. Ownership: The extension facilities installed under the provisions of this rule shall be owned, operated, and maintained by the utility, except for Substructures and enclosures that are on, under, within, or part of a building or structure.
- c. Private Lines: Utility shall not be required to serve any Applicant from extension facilities that are not owned, operated, and maintained by the utility.

2. Extension Locations

- a. Rights-of-Way: Utility will own, operate, and maintain extension facilities only:
 - (1) along public streets, alleys, roads, highways, and other publicly dedicated ways and places which the utility has the legal right to occupy (franchise areas), and
 - (2) on public lands and private property across which easements and permits satisfactory to the utility may be obtained without cost to or condemnation by the utility.
- b. Normal Route of Line: The length and normal route of an extension will be determined by the utility and considered as the distance along the shortest, most practical, available, and acceptable route which is clear of obstructions from the utility's nearest permanent and available distribution facility to the point from which the service facilities will be connected.

3. Special or Added Facilities: Any special or added facilities the utility agrees to install at the request of Applicant will be installed at Applicant's expense in accordance with Rule 2, Description of Service.

* Certain words beginning with capital letters are defined within the provisions of the Definition Section of this rule.

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A. GENERAL (Continued)

- 4. 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.
- 5. Services: Service facilities connected to the Distribution Mains to serve a customer's premises will be installed, owned, and maintained as provided in Rule 16, Gas Service Extensions.
- 6. Contracts: Each Applicant requesting an extension may be required to execute a written contract(s) prior to the utility performing its work on the extension. Such contracts shall be in the form on file with the California Public Utilities Commission (Commission).

B. INSTALLATION RESPONSIBILITIES

- 1. Applicant Responsibility: In accordance with the utility's design, specifications, and requirements, Applicant is responsible for:
 - a. Substructures: Furnishing, installing, and upon acceptance by the utility, conveying to the utility ownership of all necessary installed Substructures (see definition in Section H.); and,
 - b. Protective Structures: Furnishing, installing, and upon acceptance by the utility, conveying to the utility ownership of all necessary Protective Structures.
- 2. Utility Responsibility: Utility is responsible for the installation of Distribution Main, valves, regulators, and other related distribution equipment required to complete the extension, including all necessary Trenching, backfilling, and other digging as required.

The Applicant may elect to provide the trench, as discussed in Section B.3.b. If Applicant chooses to perform the Trenching, it must also secure permits from the governmental authority having jurisdiction. If Applicant qualifies for an extension allowance under Section C., the utility will provide Applicant with a reimbursement or credit for the utility's project-specific estimated cost-per-foot of trench.

- 3. Installation Options
 - a. Utility-Performed Work: Where requested by Applicant and mutually agreed upon, the utility may furnish and install the Substructures and/or Protective Structures, provided Applicant pays the utility its total estimated installed cost.
 - b. Applicant-Performed Work: Applicant may elect to install that portion of the new extension normally installed by the utility, in accordance with the utility's design and specifications, using qualified contractors. (See Section G., Applicant Installation Option.)

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C. EXTENSION ALLOWANCES

1. **General:** Utility will complete a Distribution Main Extension without charge provided the utility's total estimated installed cost does not exceed the allowances as determined from permanent bona-fide loads to be served by the extension within a reasonable time, as determined by the utility. The allowance will first be applied to the Service Extension (including the metering), in accordance with Rule 16. Any excess allowance will be applied to the Distribution Main Extension to which the Service Extension is connected.
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. Utility 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 gas usage satisfactory to the utility.

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

$$\text{ALLOWANCE} = \frac{\text{NET REVENUE}}{\text{COST OF SERVICE FACTOR}}$$

3. **Residential Allowances:** The allowance for Distribution Main Extensions, Service Extensions, or a combination thereof, for Permanent Residential Service on a per-unit basis, is as follows:

Water Heating	\$554
Space Heating	\$479
Oven/Range	\$ 99
Dryer Stub	\$140

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4. **Non-Residential Allowances:** The allowance for Distribution Main Extensions, Service Extensions, or a combination thereof, for Permanent Non-Residential Service is determined by utility using the formula in Section C.2. The utility, at its election, may apply a Non-Residential Allowance Net Revenue Multiplier as defined in Section I.

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

5. **Seasonal, Intermittent, Emergency and Insignificant Loads:** When Applicant requests service that requires an 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.

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D. CONTRIBUTIONS OR ADVANCES BY APPLICANT

1. General: Contributions or Advances by an Applicant to the utility for the installation of an extension to receive utility service consists of such things as cash payments, the value of the facilities deeded to the utility, and the value of Trenching performed by Applicant.
2. Project-Specific Cost Estimates: The utility's total estimated installed cost will be based on a project-specific estimated cost.
3. Cash Payment: A cash payment will only be required if Applicant's allowance is less than the utility's total estimated installed cost to complete a Distribution Main Extension.
4. Postponement: At the utility's option, the payment of that portion of such an Advance that the utility estimates would be refunded within six (6) months under other provisions of this rule may be postponed for six (6) months if: (1) the utility is provided evidence the construction will proceed promptly and financing is adequate; (2) Applicant has submitted evidence of building permit(s) or fully-executed home purchase contract(s) or lease agreement(s); or (3) where there is equivalent evidence of occupancy or gas usage satisfactory to the utility; and (4) Applicant agrees in writing to pay at the end of six (6) months all amounts not previously Advanced.
5. Tax. All Contributions and Advances by Applicant are taxable and shall include an Income Tax Component of Contribution (ITCC) at the rate provided in the utility's Preliminary Statement. ITCC Tax will be either refundable or non-refundable in accordance with the corresponding Contribution.
6. Refundable and Non-Refundable Amounts: Applicant shall advance or contribute, before the start of utility's construction, the following:
 - a. Refundable Amount: Applicant's refundable amount is the portion of the utility's total estimated installed cost, including taxes, to complete the extension (including distribution regulators, and excluding Betterments), including the estimated value of the Trenching, that exceeds the amount of extension allowance determined in Section C.; or
 - b. Non-Refundable Discount Option: In lieu of contributing the refundable amount determined in Section D.6.a, Applicant has the option of contributing, on a non-refundable basis, fifty percent (50%) of such refundable amount; plus,
 - c. Other Non-Refundable Amounts: Applicant's non-refundable amount is the utility's estimated value of the Substructures and Protective Structures required by the utility for the extension under Section B.1.
7. 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.

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D. CONTRIBUTIONS OR ADVANCES BY APPLICANT (Continued)

8. Payment Adjustments

- a. **Contract Compliance:** If, after six (6) months following the date the utility 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 the utility an additional Contribution or Advance, based on the allowances for the revenues actually generated.
- b. **Excess Facilities:** If the loads provided by Applicant(s) result in the utility installing facilities which are in excess of those needed to serve the actual loads, and the utility elects to reduce such excess facilities, Applicant shall pay the utility its estimated total cost to remove, abandon, or replace its excess facilities, less the estimated salvage value of any removed facilities.

E. REFUND BASIS

- 1. **General:** Refunds are based on the allowances and conditions in effect at the time the contract is signed. The allowance in excess of that needed for the Service Extension, in accordance with Rule 16, will be refunded to the Distribution Main Extension to which the Service Extension is connected.
- 2. **Total Refundable Amount:** The total amount subject to refund is the sum of the refundable amounts made under Section D.6.
- 3. **Refund Period:** The total refundable amount is subject to refund for a period of ten (10) years after the 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 the utility. The refund will be deducted from the total refundable amount, and the remaining amount subject to refund represents that portion of the extension cost not supported by revenues. (See Section E.11. for series refund provisions.)
- 5. **Non-Residential:** Utility shall be responsible for reviewing Applicant's actual base annual revenue for the first three (3) years from the date the utility is first ready to serve. Applicant shall be responsible for notifying the utility if new, permanent load is added from the fourth (4th) through the tenth (10th) year from the date first ready to serve. Such review shall determine if the additional revenue supports any refunds to the Applicant. (See Section E.11. for series refund provisions.)
- 6. **Unsupported Extension Cost:** When any portion of a refundable amount has not qualified for a refund at the end of thirty-six (36) months from the date the Utility is first ready to serve, Applicant will pay to the utility an Ownership Charge, as defined in Section I, on the remaining refundable balance. The monthly Ownership Charge is intended to offset the refundable amount, and will normally be accumulated and deducted from refunds due Applicant. This provision does not apply to individual residential Applicants.

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E. REFUND BASIS (Continued)

- 7. Refund Timing: Refunds will be made without interest within 90 days after the date, of first service to new permanent loads, except that refunds may be accumulated to a \$50 minimum, or the total refundable balance, if less than \$50.
- 8. Maximum Refund: No refund shall be made in excess of the refundable amount nor after a period of 10 years from the date the utility is first ready to serve. Any unrefunded amount remaining at the end of the 10 year period shall become the property of the utility.
- 9. Previous Rules: Refundable amounts paid, 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 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 may mutually agree.
- 11. Series of Extensions: Where there are a series of extensions, commencing with an extension having an outstanding amount subject to refund, and each extension is dependent upon the previous extension as a direct source of supply, a series refund will be made as follows:
 - a. Additional service connections supplied from an extension on which there is a refundable amount will provide refunds first to the extension to which they are connected; and,
 - b. When the amount subject to refund on an extension in a series is fully refunded, the excess refundable amount will provide refunds to the extension having the oldest outstanding amount subject to refund in the series.

F. APPLICANT DESIGN OPTION FOR NEW INSTALLATIONS

- 1. Competitive Bidding: When Applicant selects competitive bidding, the Distribution Line Extension may be designed by Applicant's qualified contractor or sub-contractor in accordance with utility's design and construction standards. All Applicant Design work on gas and electric facilities must be performed by or under the direction of a licensed professional engineer and all design work submitted to the utility 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 Utility, in a manner acceptable to the Utility.
 - b. Applicant designs shall conform to all federal, state and local codes and ordinances applicable to utility installations (such as, but not limited to the California Business and Professions Code).
 - c. Utility may require Applicant designers to meet the Utility's prequalification requirements prior to participating in applicant design.

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F. APPLICANT DESIGN OPTION FOR NEW INSTALLATIONS (Continued)

1. Competitive Bidding (Continued)

- d. Applicant designers shall obtain Utility design and construction standards and global design specifications prior to performing applicant design. The Utility may charge for any of these services.
- e. Utility will perform one plan check on each applicant design project at no expense to Applicant. Utility will perform all subsequent plan checks at Applicant's expense.
- f. For designs performed by non-utility designers, Utility will credit Applicant with the amount of Utility's design bid less any appropriate charges such as for plan checking, changes, or revisions.
- g. In the case of Applicant designed projects requiring an advance, Utility will apply the design credit to the Applicant's advance.
- h. If no advance is required, Utility will refund/reimburse the Applicant for the cost of design after the Distribution Main Extension is first ready to serve.
- i. Utility shall perform all of its own project accounting and cost estimating.

G. APPLICANT INSTALLATION OPTION

- 1. Competitive Bidding: When Applicant selects competitive bidding, the extension may be installed by Applicant's qualified contractor or subcontractor in accordance with the utility's design and specifications. Under this option, the following applies:
 - a. Upon completion of Applicant's installation, and acceptance by Utility, ownership of all such facilities will transfer to Utility.
 - b. Applicant shall provide to Utility, prior to Utility preparing the gas main extension contract, the Applicant's Contract Anticipated Costs subject to refund to perform the work normally provided by Utility. The Applicant shall submit, on a form provided by Utility, a statement of such costs. If the Applicant elects not to provide such costs to Utility, the Applicant shall acknowledge its election on the form and Utility will use its estimated costs.
 - c. Applicant shall pay to the Utility, subject to the refund and allowance provisions of Rules 15 and 16, the Utility's estimated cost of work performed by Utility for the Gas Main Extension, including the estimated costs of design, administration, and installation of any additional facilities.
 - d. The lower of Utility's estimated refundable costs or Applicant's Contract Anticipated Costs, as reported in G.1.b, for the work normally performed by Utility, shall be subject to the refund and allowance provisions of Rules 15 and 16.

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G. APPLICANT INSTALLATION OPTION (Continued)

- e. Applicant shall pay to the Utility the estimated cost of Utility'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 Cost as reported in G.1.b and Utility's estimated costs for performing the same work, but not to exceed the Utility's estimated costs.
- f. Only duly authorized employees of the utility are allowed to connect to, disconnect from, or perform any work upon the Utility's facilities.

2. Minimum Contractor Qualifications: Applicant's contractor or subcontractor (QC/S) shall:

- a. Be licensed in California for the appropriate type of work, such as, but not limited to, gas and general;
- b. Employ workmen properly qualified for the specific skills required (plastic fusion, welding, etc.); and,
- 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;
- c. Demonstrates financial responsibility commensurate with the scope of the contract;
- d. Has adequate insurance coverage (worker's compensation, liability, property damage, etc.); and,
- e. Is able to furnish a surety bond for performance of the contract, if required.

H. SPECIAL CONDITIONS

- 1. Facility Relocation or Rearrangement: Any relocation or rearrangement of the utility's existing facilities, at the request of or to meet the convenience of an Applicant or customer, and agreed upon by the utility, normally shall be performed by the utility at Applicant's expense. 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 F., Applicant Installation Options.

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

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H. SPECIAL CONDITIONS (Continued)

2. Periodic Review: Utility will periodically review the factors it uses to determine its residential allowances, nonrefundable 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%), the utility 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.

Additionally, Utility shall review and submit proposed tariff revisions to implement relevant Commission decisions from other proceedings that affect this Rule.

3. Exceptional Cases: When the application of this rule appears impractical or unjust to either party or the ratepayers, the utility or Applicant may refer the matter to the Commission for a special ruling, or for the approval of special condition(s) which may be mutually agreed upon.

I. DEFINITIONS

Advances: Cash payments made to the utility prior to the initiation of any work done by the utility which is not covered by allowances.

Applicant: A person or agency requesting the utility to supply gas 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 Applicant's cost statement form (Form 65502), 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 for the utility's operating convenience such as, but not limited to the following: to improve gas flow or correct poor pressure conditions, to increase line capacity available to an existing system, to permit pressure conversion of an area, or to install proportionally larger pipe than necessary to provide for future load growth, will be installed at the expense of the utility.

Contribution: In-kind services, and/or the value of all property conveyed to the utility at any time during the utility's work on an extension which is part of the utility's total estimated installed cost of its facilities, or cash payments not covered by Applicant's allowances.

Cost of Service Factor (COS): The factor that is divided into the Net Revenue to determine the Utility's investment in distribution facilities. The COS Factor includes depreciation, return, income taxes, property taxes, Operations and Management (O&M), Administrative and General (A&G), Franchise Fees and Uncollectible expenses (FF&U) and replacement of facilities for 60 years at no additional cost to customer. For the purpose of calculating residential allowances, a Cost of Service Factor of 15.94% will be used.

Distribution Mains: Facilities which are operated at distribution pressure, and supply three (3) or more services or run parallel to the property line in a public right-of-way.

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I. DEFINITIONS (Continued)

Distribution Main Extension: The length of main and its related facilities required to transport gas from the existing distribution facilities to the point of connection with the service pipe. A Main Extension consists of new distribution facilities of the utility that are required to extend service into an open area not previously supplied to serve an Applicant. It is a continuation of, or branch from, the nearest available existing permanent Distribution Main, to the point of connection of the last service. The utility's Main Extension includes any required Substructures and facilities for transmission taps but excludes service connections, services, and meters.

Excavation: All necessary trenching, backfilling, and other digging as required to install extension facilities including furnishing of any imported backfill material, and disposal of spoil as required, surface repair and replacement, landscape repair and replacement.

Franchise Area: Public streets, roads, highways, and other public ways and places where the utility has a legal right to occupy under franchise agreements with governmental bodies having jurisdiction.

Insignificant Loads: Small operating loads such as log lighters, barbecues, outdoor lighting, etc.

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

Joint Trench: Excavation that intentionally provides for more than one service, such as gas, electricity, cable television, telephone, etc.

Net Revenue: That portion of the total rate that supports utility's distribution main and service extension costs and excludes such items as fuel costs, transmission, public purpose programs, and other costs that do not support the distribution main and service extension costs. For residential main extensions the net revenue is a fixed amount calculated from the annual total residential base margin revenue, less allocated transmission costs, divided by average year deliveries and multiplied by average annual consumption for each of the four end-uses (water heat, space heat, cooking, and clothes drying).

Non-Residential Allowances Net Revenue Multiplier: This is a revenue-supported factor determined by utility that is applied to the net revenues expected from non-residential loads to determine non-residential allowances.

Ownership Charge: Monthly charge as a percentage rate applied against the remaining refundable balance after 36 months from the date the Utility is first ready to serve. This charge recovers the cost of operating and maintaining customer-financed facilities that are not fully utilized. The Ownership Charge includes property taxes, Operations and Maintenance (O&M), Administrative and General (A&G), Franchise Fees and Uncollectible expenses (FF&U) and replacement of facilities for 60 years at no additional cost to customer. For the purpose of calculating the Ownership Charge, a 0.46% per month will be used.

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.

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GAS MAIN EXTENSIONS

I. DEFINITIONS (Continued)

Protective Structures: Fences, retaining walls (in lieu of grading) barriers, posts, barricades, and other structures as required by the utility.

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.

Seasonal Service: Gas 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 the utility's gas facilities. This includes, but is not limited to, equipment vaults and boxes, required sleeves for street crossings, and enclosures, foundations, or pads for surface-mounted equipment.

Trenching: See Excavation.

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Advice Ltr. No. 1732-G-A

Decision No. _____

Issued by
Lee Schavrien
Senior Vice President
Regulatory Affairs

Date Filed Jan 18, 2008

Effective Feb 17, 2008

Resolution No. _____