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**PREPARED DIRECT TESTIMONY
OF TUAN NGUYEN**

I. PURPOSE

The purpose of my direct testimony on behalf of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) is to: (1) provide background information regarding grid operators and noncore customer peak demand; (2) provide background information regarding the current curtailment process; (3) describe how curtailment baseline quantities will be determined; and (4) explain our proposed changes to customer contracts and rate schedules that result from the elimination of firm and interruptible service levels and capacity open seasons.

II. GRID OPERATORS IN SOCALGAS AND SDG&E SERVICE TERRITORIES

There are three electric grid operators that operate in the SoCalGas and SDG&E service territories: the California Independent System Operator (CAISO), Los Angeles Department of Water and Power (LADWP), and the Imperial Irrigation District (IID). The CAISO dispatches electric generation (EG) facilities in all ten proposed local service zones. The CAISO does not own any of the EG plants on the SoCalGas and SDG&E systems that they dispatch; rather, these facilities are owned and operated by SDG&E and Southern California Edison (SCE) as well as local municipalities and other generators. The LADWP operates in the North Basin and South Basin Local Service Zones. The LADWP dispatches plants that they own as well as plants owned by the Cities of Burbank and Glendale. LADWP also dispatches the Southern California Public Power Authority (SCPPA) Magnolia plant. The IID only operates in the Southern System - East of Moreno Local Service Zone. IID dispatches all plants that they own on the SoCalGas system.

1 **III. CUSTOMER LOAD IN PROPOSED LOCAL SERVICE ZONES**

2 The direct testimony of Mr. Bisi proposes to divide the SoCalGas/SDG&E transmission
3 system into ten distinct local service zones. These zones will be used to more precisely define an
4 area subject to a curtailment order. Table 1 below provides the combined EG, noncore
5 Commercial & Industrial (C&I), and cogeneration peak daily loads for each local service zone.

Table 1
Combined Electric Generation, Noncore C/I, and Cogeneration Peak Daily Loads
MMcfd

Local Zones	Sum of Summer Peaks	Sum of Winter Peaks
Coastal System	323	286
North Coastal System	37	40
North Los Angeles Basin	306	316
North Valley System	168	129
Northern System	406	395
South Los Angeles Basin	1,763	1,606
Southern System-East of Moreno	374	286
Southern System-South of Moreno	640	811
Southern System-West of Moreno	119	119
Valley System	142	106

6 **IV. CURRENT CURTAILMENT PROCESS**

7 **A. SoCalGas**

8 The existing curtailment process involves the use of three curtailment queues. The first
9 curtailment queue contains interruptible service customers. The second curtailment queue
10 contains firm Utility Energy Generators (UEG) and cogeneration customers on the firm noncore
11 rate. The third queue contains all other firm service noncore customers.

12 In the event of a curtailment, customers in the first queue are curtailed on the basis of the
13 percent of the default transportation rate they are paying, with customers paying the lowest

1 percentage to be curtailed first and customers paying the highest percentage to be curtailed last.
2 Interruptible customers paying the same rate are curtailed on a pro rata basis.

3 If it is necessary to extend a curtailment to include firm service, customers in the second
4 and third curtailment queues are curtailed. Unlike interruptible service customers, firm service
5 customers are not curtailed pro rata. Rather, they are curtailed 100% in blocks. Each customer
6 has a randomly assigned queue position within a curtailment block. If an entire block is
7 curtailed, then customers with queue positions within that block are curtailed 100%. In other
8 words, they have to stop all of their gas usage. Curtailment of the blocks is done in an
9 alternating fashion between queues two and three until the required volume demand has been
10 shed from the system.

11 Curtailment violations are levied based on when the end-user is not in compliance with
12 the curtailment order. The violation fees increase based on when the noncompliance occurs.
13 Customers failing to curtail on request will be assessed a penalty of \$1.00 per therm for the
14 initial 5 hours of the Customer's operating day, \$3.00 per therm for hours 6 through 8, and
15 \$10.00 per therm for hours 9 through the end of the curtailment episode. The penalty applies to
16 all gas quantities determined by SoCalGas to be in violation of curtailment.

17 The current process for curtailments is an administrative burden due to the constant need
18 for maintaining and updating three curtailment queues and applying different implementation
19 processes for all of them. It is also difficult to effectuate a curtailment due to the sheer number
20 of customers that must be contacted and taken off the system in quick order. Further, the current
21 process requires customers to be familiar with two methods of curtailment – pro rata, and by
22 blocks, as well as when each method applies – and is difficult for customers to understand.

1 Consequently, most customers are not prepared to deal with a curtailment when they are
2 involved in one.

3 **B. SDG&E**

4 Similar to SoCalGas, SDG&E curtails interruptible gas customers before firm gas
5 customers. As with SoCalGas, interruptible customers are curtailed on the basis of the percent of
6 the default transportation rate they are paying, with customers paying the lowest percentage to be
7 curtailed first and customers paying the highest percentage to be curtailed last. Interruptible
8 customers paying the same rate are curtailed on a pro rata basis. If firm service has to be
9 curtailed, EG customers are curtailed first on a pro rata basis based on allocations made by
10 SDG&E. Any EG that has been called upon by the CAISO to generate pursuant to its reliability
11 most run (RMR) contract with CAISO will be allocated sufficient gas to satisfy its RMR
12 commitments. Any allocation of curtailment that would have been assigned to that customer
13 above their RMR commitment is reallocated pro rata to all other EGs. Now that there are no EG
14 plants in SDG&E's service territory with RMR contracts, this RMR preference is no longer
15 meaningful, and EGs would simply be curtailed on a pro rata basis.

16 If further curtailment is necessary, then other firm service noncore customers are
17 curtailed by rotating blocks. The blocks are contained in two ordered customer lists. One list
18 contains noncore firm cogeneration customers, and the second list contains the remaining
19 noncore firm, non-EG customers. A customer's order position on the lists is determined by
20 lottery or by other non-discriminatory means. Each list is maintained to accommodate new
21 customers as well as customers departing the list. Blocks are groups of customers aggregated in
22 an operationally feasible way. In the event of a firm service curtailment, SDG&E curtails, in
23 unison, the number of customer blocks necessary to maintain service to higher priority

1 customers. The customer blocks are curtailed by alternating between the two customer lists until
2 adequate volume has been shed from the system. If a block is fully curtailed, customers within
3 that block are expected to cease using gas altogether.

4 **V. ESTABLISHMENT OF CURTAILMENT BASELINE QUANTITIES**

5 The proposed curtailment order is detailed in the testimony of Mr. Watson. As he
6 discusses, SoCalGas and SDG&E are proposing seven curtailment steps. In order to facilitate
7 communication of the amount of gas customers will be required to curtail in Step 3 (cogeneration
8 and non-EG noncore load), SoCalGas and SDG&E will establish Curtailment Baseline
9 Quantities (CBQs) from which customers will be curtailed pro rata. The CBQ will be the
10 customer's previous 24 months peak day consumption in summer (April through October) and in
11 winter (November through March).¹ If Step 3 in the curtailment order is reached, cogeneration
12 and non-EG noncore customers will be required to limit their hourly gas usage to the percentage
13 of their CBQ divided by 24 hours, as specified by the SoCalGas and SDG&E System Operator.
14 An annual customer notification will be provided to establish these CBQs.

15 **VI. CONTRACTS AND RATES IMPACTED BY THE CURTAILMENT PROPOSAL**

16 **A. Current Contracting Process**

17 SoCalGas noncore contracts currently have firm and interruptible priorities and are served
18 under rate schedules GT-I, GT-F, and GT-TLS. GT-I is interruptible service provided on a
19 month-to-month contract, while GT-F is a two year firm contract and GT-TLS service is either a
20 firm three year contract or a firm or interruptible month-to-month contract. Firm GT-F and GT-
21 TLS that are longer than one month, contracts must be renewed at each contract cycle and the
22 customers have the option to be automatically rolled into a new multiple year contract.

¹ In the event a customer does not have 24 months of operating history or a customer has a material change in operations, the customer's CBQ may be estimated.

1 In potentially constrained areas, customers must bid for firm rights in an open season, and
2 their bid is subject to use-or-pay penalties. As discussed earlier, the removal of firm and
3 interruptible priorities would end this requirement, allowing customers in potentially constrained
4 areas to have the same priorities provided to them as any other noncore customers.

5 At SDG&E, noncore customers are currently served under GTNC, EG, TLS, and Rule 25
6 tariffs. GTNC and EG is a two year firm contract and TLS is a firm three year contract.
7 Contract volumes for firm service are subject to use-or-pay provisions. During a curtailment,
8 contract volumes are considered firm. Noncore Quantities other than contract volumes are
9 considered interruptible. For SDG&E noncore customers, there is an open season once every
10 two years to determine contract quantities. Interruptible contracts have a month-to-month
11 duration.

12 **B. Proposed Contracting Process**

13 In her direct testimony, Ms. Marelli proposes to eliminate firm and interruptible rate
14 distinctions and end the requirement to conduct open seasons in potentially capacity constrained
15 areas. Since customers will no longer be required to sign up for firm service, SoCalGas and
16 SDG&E propose that all noncore customers be on a month-to-month contract for transportation
17 service that does not require a renewal. Customers will sign a contract, at which point their
18 initial CBQs will be calculated. After that, a customer's renewal will occur automatically every
19 month unless the customer or utility provide notice to end their contract. CBQs from that point
20 on will be established based on historical usage, as described in Section V of my testimony,
21 which would not require updates to the contract. Constrained area firm rights bidding would no
22 longer be required because there would no longer be firm and interruptible priorities.

1 In order to institute these new contract policies, SoCalGas and SDG&E are proposing
2 that the Commission terminate all noncore customer contracts for transportation service that are
3 effective on the date of the decision in this proceeding on the first day of the month following 90
4 days from the approval of this application (which would coincide with implementation of the
5 new curtailment procedures). SoCalGas and SDG&E will generate new simplified month-to-
6 month noncore service contracts for execution by the utilities and our customers. Rate options
7 will be less confusing for noncore-eligible customers as they will simply pick from one core or
8 one noncore rate.

9 **C. Modifying Affected Contracts and Rates**

10 As a result of the elimination of the distinction between firm and interruptible service,
11 several changes will need to be made to existing rate schedules and Commission-approved
12 forms. SoCalGas rate schedules GT-I and GT-F will need to be cancelled and combined into one
13 new rate, GT-NC, effective on a specific date following approval of this application. SoCalGas
14 rate schedules GN-10, G-AC, G-EN, and GT-TLS and SDG&E rate schedules GN-3, GTNC,
15 EG, and TLS will need to be modified to no longer refer to firm and interruptible service and
16 open seasons. Proposed redlines of these rate schedules are provided in Attachment A to this
17 testimony. Also included in Attachment A are redlined edits to the forms necessary to
18 implement this proposal, including SoCalGas Schedule A (Intrastate Transmission Service) and
19 Form 6600 (Notice of Intrastate Curtailment Transfer), and SDG&E Form 142-1259 (Request
20 for Retail Noncore Gas Service), Form 142-1265 (Transmission Level Service Rate Selection
21 Form), and Form 142-2010 (Curtailment Trading Agreement).²

² Modifications to the curtailment trading requirements are proposed in the prepared direct testimony of Mr. Borkovich.

1 Customers currently served by these noncore rate schedules will be formally notified that
2 their current rates and contracts will be changing upon approval of this application. As discussed
3 above, SoCalGas and SDG&E are requesting that the Commission cancel all existing noncore
4 contracts for transportation service effective on the first day of the month following 90 days from
5 the approval of this application. Rate schedule changes resulting from this application should be
6 made effective on the same date. Any firm contracts that may end during the short term between
7 a final decision regarding our application and implementation of new tariffs and contracts should
8 be allowed to continue month-to-month until the effective date of the new contracts. Ending all
9 noncore contracts and changing rates at the same time will simplify administration for both the
10 utilities and our customers. Existing noncore customers will be contacted by their Account
11 Executives or Account Managers to get new contracts signed on their new rates. Legacy
12 contracts that still exist 90 days after the approval of this application shall be administratively
13 defaulted to the appropriate new noncore rate, with all existing customer specific information,
14 marketer relationships, and new CBQs. As exists today with every contract renewal process,
15 they will also have the option of electing core service at that time if they qualify for core rates.

16 This concludes my prepared direct testimony.

1 **VII. QUALIFICATIONS**

2 My name is Tuan Nguyen. I am employed by SoCalGas as the Commercial and
3 Industrial Markets Staff Manager. My business address is 555 West Fifth Street, Los Angeles,
4 California, 90013-1011. I received a Bachelor's degree in Mechanical Engineering from Cal
5 Poly Pomona, and a Master's Degree in Business Administration from USC. I have worked in
6 Customer Services since joining SoCalGas in 2002. I am currently the C/I Markets Staff
7 Manager, responsible for implementing business processes such as contract renewals,
8 constrained area open seasons, curtailments, as well as market analysis and implementation of
9 nonresidential communication, outreach and education efforts.

Attachment A

Index of Redlined Tariffs Included in Attachment A

- **SoCalGas Schedule No. G-10**
- **SoCalGas Schedule No. G-AC**
- **SoCalGas Schedule No. G-EN**
- **SoCalGas Schedule No. GT-I (GT-NC)**
- **SoCalGas Schedule No. GT-TLS**
- **SoCalGas Schedule A**
- **SoCalGas Form 6600**
- **SDG&E Schedule GN-3**
- **SDG&E Schedule GTNC**
- **SDG&E Schedule EG**
- **SDG&E Schedule TLS**
- **SDG&E Form 142-1259**
- **SDG&E Form 142-1265**
- **SDG&E Form 142-2010**

SoCalGas Schedule No. G-10

Schedule No. G-10

Sheet 5

CORE COMMERCIAL AND INDUSTRIAL SERVICE
(Includes GN-10, GN-10C and GT-10 Rates)

(Continued)

SPECIAL CONDITIONS (Continued)

10. Core and Noncore Service Split: If the customer splits its gas requirements between service under this schedule and noncore service under Schedule Nos. GT-~~NCF and/or GT-I~~, the customer shall be required to specify a fixed monthly quantity for service hereunder by month for the term of the customer's contract. The monthly contract quantity breakdown may be established on the basis of seasonal variations in the customer's usage in accordance with the customer's historic usage pattern. The Utility reserves the right to accept or reject such requested quantities after considering the customer's historic usage pattern and other evidence provided by the customer regarding operational changes affecting the customer's consumption. Notwithstanding that monthly quantities are fixed for the term of the contract, the customer may request increases to the monthly quantities subject to approval by the Utility. In the event an increase in procurement service is approved, the incremental monthly quantity shall be subject to the Cross-Over Rate and the entire core quantity shall become subject to a new five-year term.
11. Change of Customer's Apparatus or Equipment: In the event customers make any material change, either in the amount or character of their gas appliances or equipment, written notice to the Utility must be made in accordance with Rule No. 29, Change of Customer's Apparatus or Equipment.

Applicable to Transportation-Only Customers

12. Transportation-Only Service Option: Customers electing this service option must make arrangements for the purchase and delivery of gas supplies to the SoCalGas system to be transported by the Utility as set forth in Rule No. 32. The GT-10 and GT-10L rates are available to non-residential core customers with a minimum usage of 250,000 therms annually, either through an individual meter or from a group of end-use meters, where each end-use meter is classified as core usage and located within the Utility's service territory. Core customers who do not meet the above minimum may opt to aggregate their loads with other core customers and contract for core aggregation service from an authorized ESP, as set forth in Rule No. 32.
13. Gas Transportation Rules: Transportation service under this schedule is subject to the terms and conditions established in Rule No. 30, Transportation of Customer-Owned Gas, and Rule No. 32, Core Aggregation Transportation.
14. Gas Imbalance Service: Transportation Imbalance Service shall be provided to the customer, the customer's ESP or marketer/shipper under Schedule No. G-IMB.
15. Customer Responsible for Billing Under Core Aggregation Transportation: The customer is ultimately responsible for the payment of billing charges assessed to the customer's aggregator for services rendered under this schedule. See Rule No. 32 for further details.

(Continued)

(TO BE INSERTED BY UTILITY)
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ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Sep 30, 2010
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 RESOLUTION NO. _____

Schedule No. G-10
CORE COMMERCIAL AND INDUSTRIAL SERVICE
(Includes GN-10, GN-10C and GT-10 Rates)

Sheet 6

(Continued)

SPECIAL CONDITIONS (Continued)

16. Gas Exchange Arrangements: Customers having existing gas exchange arrangements with the Utility must exchange the maximum amount of gas allowable under those arrangements prior to the delivery of customer-owned natural gas to the Utility for transportation, unless otherwise agreed to by the Utility.
17. Core Aggregation Transportation Customer Notices and Billing: SoCalGas shall continue to read customer meters, send customers legally required notices and bill inserts pursuant to Public Utilities Code 454(a), and provide customers with all other regular SoCalGas services. This includes direct billing, unless the customer specifies in the electronic Service Request DASR effective with the implementation of D.98-02-108, that SoCalGas bill the ESP or marketer/shipper for all charges.
18. Disputed Bills: All disputes between customers and their Aggregator shall be resolved solely by customers and the Aggregator, and such disputes shall not be subject to Commission jurisdiction. All disputes between the Utility and customers or between the Utility and Aggregators shall be subject to Commission jurisdiction.

~~Firm Noncore Service in Potentially Capacity-Constrained Areas~~

- ~~19. Open Season: The Utility will conduct an open season to solicit contractually binding bids from noncore eligible customers for firm service in potentially capacity-constrained areas, as defined in Rule No. 1.~~
- ~~20. Non-Bidding Customers: Noncore eligible customers, on core service as of the Open Season start date, as defined in the Constrained Area Amendment to Master Services Contract—Schedule A—Intrastate Transmission Service, that do not submit a bid for noncore service commencing on the effective date of the Constrained Area Amendment to Master Services Contract—Schedule A—Intrastate Transmission Service, may remain core.~~

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Senior Vice President

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SoCalGas Schedule No. G-AC

Schedule No. G-AC

Sheet 3

CORE AIR CONDITIONING SERVICE FOR COMMERCIAL AND INDUSTRIAL
(Includes G-AC, G-ACC and GT-AC Rates)

(Continued)

SPECIAL CONDITIONS (Continued)

Applicable to Both Procurement and Transportation-Only Customers (Continued)

7. Utility Service Agreement: Noncore customers transferring to service under this schedule and core customers using over 250,000 therms/year who wish to take transportation-only service to their single facility must execute a Master Services Contract (Form No. 6597) and Schedule A, Intrastate Transmission Service (Form No. 6597-1). Customers wishing to aggregate service for multiple core facilities must execute a Core Transport Agent Agreement for Core Aggregation Service (Form No. 6536-A).
8. Term of Service: The term of service hereunder is one month except the following: Noncore customers transferring to service under this schedule shall be obligated to a minimum five-year term of core service under either this schedule or other core tariff schedules including Schedule No. G-10 and Schedule No. G-EN. Customers previously taking transportation-only service who elect to return to utility procurement service, including CAT customers using over 50,000 therms in the last 12 months, shall be obligated to the cross-over procurement rate for a period of one year as further defined in Schedule No. G-CP. Upon expiration of the applicable one-year or five-year commitment, the customer shall be on a month-to-month term thereafter.
9. Gas Metering: The Utility at its option may use either of the following means to accurately measure gas usage for nonresidential core cooling: (a) install a separate metering facility, or (b) use a subtracting meter. Such meters will be installed at the customer's expense. Where service is rendered under (a), the customer's usage will be the sum of all meters.
10. Change of Customer's Apparatus or Equipment: In the event customers make any material change, in either the amount or character of their gas air conditioning appliances or equipment, written notice to the Utility must be made in accordance with Rule No. 29, Change of Customer's Apparatus or Equipment.
11. Core and Noncore Service Split: If the customer splits its gas requirements between service under this schedule and noncore service under Schedule Nos. ~~GT-NCF and/or GT-I~~, the customer shall be required to specify a fixed monthly quantity for service hereunder by month for the term of the customer's contract. The monthly contract quantity breakdown may be established on the basis of seasonal variations in the customer's usage in accordance with the customer's historic usage pattern. The Utility reserves the right to accept or reject such requested quantities after considering the customer's historic usage pattern and other evidence provided by the customer regarding operational changes affecting the customer's consumption. Notwithstanding that monthly quantities are fixed for the term of the contract, the customer may request increases to the monthly quantities subject to approval by the Utility. In the event an increase in procurement service is approved, the incremental monthly quantity shall be subject to the Cross-Over Rate and the entire core quantity shall become subject to a new five-year term.

(Continued)

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Schedule No. G-AC

Sheet 4

CORE AIR CONDITIONING SERVICE FOR COMMERCIAL AND INDUSTRIAL
(Includes G-AC, G-ACC and GT-AC Rates)

(Continued)

SPECIAL CONDITIONS (Continued)

Applicable to Both Procurement and Transportation-Only Customers (Continued)

~~12. Core Service for Noncore Eligible Customers in Potentially Capacity Constrained Areas: Any existing noncore customer, or potential new noncore customer, offered an opportunity to bid for firm noncore service commencing on the effective date of the Constrained Area Amendment to Master Services Contract—Schedule A Intrastate Transmission Service, but declined to bid, or was not awarded sufficient firm capacity, may not elect core service for the period covered by the open season.~~

~~— Noncore eligible customers, on core service as of the Open Season start date, as defined in the Constrained Area Amendment to Master Services Contract—Schedule A Intrastate Transmission Service, that do not submit a bid for noncore service commencing on the effective date of the Constrained Area Amendment to Master Services Contract—Schedule A Intrastate Transmission Service, may remain core.~~

Applicable to Transportation-Only Customers

123. Transportation-Only Service Option: Customers electing this service option must make arrangements for the purchase and delivery of gas supplies to the SoCalGas system to be transported by the Utility as set forth in Rule No. 32. The GT-AC rate is available to non-residential core customers with a minimum usage of 250,000 therms annually, either through an individual meter or from a group of end-use meters, where each end-use meter is classified as core usage and located within the Utility’s service territory. Core customers who do not meet the above minimum may opt to aggregate their loads with other core customers and contract for core aggregation service from an authorized ESP, as set forth in Rule No. 32.

134. Gas Transportation Rules: Transportation service under this schedule is subject to the terms and conditions established in Rule No. 30, Transportation of Customer-Owned Gas, and Rule No. 32, Core Aggregation Transportation.

145. Gas Imbalance Service: Transportation Imbalance Service shall be provided to the customer, the customer's ESP or marketer/shipper under Schedule No. G-IMB.

(Continued)

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Senior Vice President

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Schedule No. G-AC

Sheet 5

CORE AIR CONDITIONING SERVICE FOR COMMERCIAL AND INDUSTRIAL
(Includes G-AC, G-ACC and GT-AC Rates)

(Continued)

SPECIAL CONDITIONS (Continued)

Applicable to Transportation-Only Customers (Continued)

156. Customer Responsible for Billing Under Core Aggregation Transportation: The customer is ultimately responsible for the payment of billing charges assessed to the customer's aggregator for services rendered under this schedule. See Rule No. 32 for further details.

167. Gas Exchange Arrangements: Customers having existing gas exchange arrangements with the Utility must exchange the maximum amount of gas allowable under those arrangements prior to the delivery of customer-owned natural gas to the Utility for transportation, unless otherwise agreed to by the Utility.

178. Core Aggregation Transportation Customer Notices and Billing: SoCalGas shall continue to read customer meters, send customers legally required notices and bill inserts pursuant to Public Utilities Code 454(a), and provide customers with all other regular SoCalGas services. This includes direct billing, unless the customer specifies in the electronic Service Request DASR effective with the implementation of D.98-02-108, that SoCalGas bill the ESP or marketer/shipper for all charges.

189. Disputed Bills: All disputes between customers and their Aggregator shall be resolved solely by customers and the Aggregator, and such disputes shall not be subject to Commission jurisdiction. All disputes between the Utility and customers or between the Utility and Aggregators shall be subject to Commission jurisdiction.

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(TO BE INSERTED BY UTILITY)

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ISSUED BY

Lee Schavrien
Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)

DATE FILED Apr 18, 2008
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RESOLUTION NO. _____

SoCalGas Schedule No. G-EN

Schedule No. G-EN

Sheet 3

CORE GAS ENGINE WATER PUMPING SERVICE FOR COMMERCIAL
 AND INDUSTRIAL (Includes G-EN, G-ENC and GT-EN Rates)

(Continued)

SPECIAL CONDITIONS (Continued)

Applicable to Both Procurement and Transportation-Only Customers (Continued)

7. Utility Service Agreement: Noncore customers transferring to service under this schedule and core customers using over 250,000 therms/year who wish to take transportation-only service to their single facility must execute a Master Services Contract (Form No. 6597) and Schedule A, Intrastate Transmission Service (Form No. 6597-1). Customers wishing to aggregate service for multiple core facilities must execute a Core Transport Agent Agreement for Core Aggregation Service (Form No. 6536-A).
8. Term of Service: The term of service hereunder is one month except the following: Noncore customers transferring to service under this schedule shall be obligated to a minimum five-year term of core service under either this schedule or other core tariff schedules including Schedule No. G-10 and Schedule No. G-AC. Customers previously taking transportation-only service who elect to return to utility procurement service, including CAT customers using over 50,000 therms in the last 12 months, shall be obligated to the cross-over procurement rate (G-ENC) for a period of one year as further defined in Schedule No. G-CP. Upon expiration of the applicable one-year or five-year commitment, the customer shall be on a month-to-month term thereafter.
9. Change of Customer's Apparatus or Equipment: In the event customers make any material change, in either the amount or character of their gas engine water pumping equipment, written notice to the Utility must be made in accordance with Rule No. 29, Change of Customer's Apparatus or Equipment.
10. Core and Noncore Service Split: If the customer splits its gas requirements between service under this schedule and noncore service under Schedule Nos. ~~GT-NCF and/or GT-I~~, the customer shall be required to specify a fixed monthly quantity for service hereunder by month for the term of the customer's contract. The monthly contract quantity breakdown may be established on the basis of seasonal variations in the customer's usage in accordance with the customer's historic usage pattern. The Utility reserves the right to accept or reject such requested quantities after considering the customer's historic usage pattern and other evidence provided by the customer regarding operational changes affecting the customer's consumption. Notwithstanding that monthly quantities are fixed for the term of the contract, the customer may request increases to the monthly quantities subject to approval by the Utility. In the event an increase is approved, the incremental monthly quantity shall be subject to the Cross-Over Rate and the entire core quantity shall become subject to a new five-year term.

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 Senior Vice President

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Schedule No. G-EN

Sheet 4

CORE GAS ENGINE WATER PUMPING SERVICE FOR COMMERCIAL
AND INDUSTRIAL (Includes G-EN, G-ENC and GT-EN Rates)

(Continued)

SPECIAL CONDITIONS (Continued)

Applicable to Both Procurement and Transportation-Only Customers (Continued)

~~11. Core Service for Noncore Eligible Customers in Potentially Capacity Constrained Areas: Any existing noncore customer, or potential new noncore customer, offered an opportunity to bid for firm noncore service commencing on the effective date of the Constrained Area Amendment to Master Services Contract—Schedule A Intrastate Transmission Service, but declined to bid, or was not awarded sufficient firm capacity, may not elect core service for the period covered by the open season.~~

~~— Noncore eligible customers, on core service as of the Open Season start date, as defined in the Constrained Area Amendment to Master Services Contract—Schedule A Intrastate Transmission Service, that do not submit a bid for noncore service commencing on the effective date of the Constrained Area Amendment to Master Services Contract—Schedule A Intrastate Transmission Service, may remain core.~~

Applicable to Transportation-Only Customers

112. Transportation-Only Service Option: Customers electing this service option must make arrangements for the purchase and delivery of gas supplies to the SoCalGas system to be transported by the Utility as set forth in Rule No. 32. The GT-EN rate is available to non-residential core customers with a minimum usage of 250,000 therms annually, either through an individual meter or from a group of end-use meters, where each end-use meter is classified as core usage and located within the Utility's service territory. Core customers who do not meet the above minimum may opt to aggregate their loads with other core customers and contract for core aggregation service from an authorized ESP, as set forth in Rule No. 32.

123. Gas Transportation Rules: Transportation service under this schedule is subject to the terms and conditions established in Rule No. 30, Transportation of Customer-Owned Gas, and Rule No. 32, Core Aggregation Transportation.

134. Gas Imbalance Service: Transportation Imbalance Service shall be provided to the customer, the customer's ESP or marketer/shipper under Schedule No. G-IMB.

(Continued)

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. 3919
DECISION NO.

4C0

ISSUED BY

Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)

DATE FILED Nov 14, 2008
EFFECTIVE Dec 14, 2008

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Schedule No. G-EN

Sheet 5

CORE GAS ENGINE WATER PUMPING SERVICE FOR COMMERCIAL
 AND INDUSTRIAL (Includes G-EN, G-ENC and GT-EN Rates)

(Continued)

SPECIAL CONDITIONS (Continued)

Applicable to Transportation-Only Customers (Continued)

- 145. Customer Responsible for Billing Under Core Aggregation Transportation: The customer is ultimately responsible for the payment of billing charges assessed to the customer's aggregator for services rendered under this schedule. See Rule No. 32 for further details.
- 156. Gas Exchange Arrangements: Customers having existing gas exchange arrangements with the Utility must exchange the maximum amount of gas allowable under those arrangements prior to the delivery of customer-owned natural gas to the Utility for transportation, unless otherwise agreed to by the Utility.
- 167. Core Aggregation Transportation Customer Notices and Billing: SoCalGas shall continue to read customer meters, send customers legally required notices and bill inserts pursuant to Public Utilities Code 454(a), and provide customers with all other regular SoCalGas services. This includes direct billing, unless the customer specifies in the electronic Service Request DASR effective with the implementation of D.98-02-108, that SoCalGas bill the ESP or marketer/shipper for all charges.
- 178. Disputed Bills: All disputes between customers and their Aggregator shall be resolved solely by customers and the Aggregator, and such disputes shall not be subject to Commission jurisdiction. All disputes between the Utility and customers or between the Utility and Aggregators shall be subject to Commission jurisdiction.

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SoCalGas Schedule No. GT-I

Schedule No. GT-~~INC~~

Sheet 1

~~INTERRUPTIBLE~~ INTRASTATE TRANSPORTATION SERVICE
 FOR DISTRIBUTION LEVEL CUSTOMERS

APPLICABILITY

Applicable for ~~interruptible~~ intrastate transportation-only service for the following customers receiving Noncore Distribution Level Service as defined in Rule No. 1: (1) commercial and industrial, and enhanced oil recovery use at each facility classified as noncore, as defined in Rule No. 1, and (2) electric generation plants. All such noncore customers shall be eligible to receive ~~interruptible~~ intrastate transportation service under this schedule.

TERRITORY

Applicable throughout the service territory.

RATES

Customer Charges

GT- INC 3D, Commercial/Industrial, per month	\$350
GT- INC 4D, Enhanced Oil Recovery, per month	\$500
GT- INC 5D, Electric Generation using less than 3 million therms per year Per month	\$50

The applicable GT-~~INC~~5D monthly customer charge shall be determined on the basis of the customer's GT-~~INC~~5D usage (~~combined with GT-F5D usage, if applicable~~) for the most recent twelve-month period. For customers with less than twelve months of historical usage, the customer charge shall be determined on a pro rata basis using the months for which usage is available.

~~If the applicable customer charge is collected under Schedule No. GT-F, no duplicative charge shall be collected hereunder.~~

Transportation Charges

GT-~~INC~~3D, Commercial/Industrial
Rate, per therm

Tier I	0 - 20,833 Therms	15.126¢
Tier II	20,834 - 83,333 Therms	9.352¢
Tier III	83,334 - 166,667 Therms	5.659¢
Tier IV	Over 166,667 Therms	3.020¢

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(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4730
 DECISION NO. 13-05-010, 10-04-034,
 14-12-033
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ISSUED BY
Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 26, 2014
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 RESOLUTION NO. G-3497

Schedule No. GT-~~INC~~

Sheet 2

~~INTERRUPTIBLE~~ INTRASTATE TRANSPORTATION SERVICE
 FOR DISTRIBUTION LEVEL CUSTOMERS

(Continued)

RATES (Continued)

Transportation Charges (Continued)

GT-~~INC~~4D, Enhanced Oil Recovery
 Rate, per therm 4.476¢

GT-~~INC~~5D, Electric Generation*

For customers using less than 3 million therms per year
 Rate, per therm 10.490¢

For customers using 3 million therms or more per year
 Rate, per therm 3.617¢

The applicable GT-~~INC~~5D ~~transmission~~transportation charge shall be determined on the basis of the customer's GT-~~INC~~5D usage (~~combined with GT-~~INC~~5D usage, if applicable~~) for the most recent twelve-month period. For customers with less than twelve months of historical usage, the transportation charge shall be determined on a pro rata basis using the months for which usage is available.

* The amount of gas applicable under the electric generation rate is determined in accordance with the provisions stated in Special Condition 16 herein.

California Air Resources Board (CARB) Fee Credit (0.110¢)/therm

The CARB Fee Credit is applicable to Commercial/Industrial, Enhanced Oil Recovery and Electric Generation customers who are identified by CARB as being billed directly for CARB administrative fees. A customer who is supplying fuel to a facility on behalf of the owner (e.g. tolling arrangement) of a facility that has been identified by CARB as being billed directly, may receive the CARB Fee Credit if so authorized by the facility owner and agreed to by the utility. Applicable CARB Fee Credits may be provided from the date CARB identifies a customer as being direct billed, or provided based upon documentation satisfactory to the Utility for the time period for which payments were made directly to CARB, whichever is earlier.

Minimum Charge

For commercial/industrial, enhanced oil recovery and electric generation using less than 3 million therms per year service, the minimum monthly charge shall be the applicable monthly customer charge. For electric generation customers using 3 million therms or more per year, the minimum monthly charge shall be the GT-~~INC~~3D customer charge.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4730
 DECISION NO. 13-05-010, 10-04-034,
 14-12-033

ISSUED BY
Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 26, 2014
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 RESOLUTION NO. G-3497

Schedule No. GT-~~INC~~

Sheet 3

INTERRUPTIBLE INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL CUSTOMERS

(Continued)

RATES (Continued)

Additional Charges

Rates may be adjusted to reflect any applicable taxes, franchise or other fees, regulatory surcharges, and interstate or intrastate pipeline charges that may occur.

SPECIAL CONDITIONS

GENERAL

1. Definitions: The definitions of the principal terms used in this schedule are found either herein or in Rule No. 1, Definitions.
2. Number of Therms: The number of therms to be billed shall be determined in accordance with Rule No. 2.
3. Multiple Use Customers: Customers may receive service under this schedule (a) separately, or (b) in combination with another rate schedule(s). Where service is rendered under (b), a separate monthly customer charge will be applicable for service under each schedule with a customer charge unless otherwise stated.
4. Utility Service Agreement: As a condition precedent to service under this schedule, an executed Master Services Contract, Schedule A, Intrastate Transmission Service (Form Nos. 6597 and 6597-1) is required. All contracts, rates and conditions are subject to revision and modification as a result of Commission order.

 In the event customers are unable to execute the necessary contracts by the time service is required, and no alternate schedule is available, they may temporarily receive transportation service under this schedule. Customers receiving temporary service without executed contracts will not be able to: (a) take advantage of Contracted Marketer services, (b) designate Agents to nominate on their behalf, (c) avail themselves of other services which require executed contracts, or (d) group separate facilities for nomination purposes, and instead must nominate separately for the non-contracted facility. All other tariffs and Rules, including, but not limited to, Schedule No. G-IMB, will apply to customers without executed contracts.
5. Term: The minimum contract term for service hereunder shall be one month.
6. Curtailment: In the event of curtailment, customers served hereunder will be curtailed in accordance with Rule No. 23. Penalties for violation of curtailment shall apply as set forth in Rule No. 23.

(Continued)

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Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
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Schedule No. GT-~~INC~~

Sheet 4

INTERRUPTIBLE INTRASTATE TRANSPORTATION SERVICE
 FOR DISTRIBUTION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

7. Change of Consumer's Apparatus or Equipment: In the event ~~customers~~-consumers make a material change, either in the amount or character of their gas appliances or equipment, written notice thereof must be made to the Utility in accordance with Rule No. 29, Change of Consumer's Apparatus or Equipment.
8. Conditional Reclassification: Customers who do not meet historical usage criteria for noncore rate classification under this schedule may conditionally qualify for noncore rate status by submitting a written request to the Utility and providing therein certified evidence documenting the customer's load increases which will meet the minimum consumption requirement on a permanent basis. The customer's written request must further acknowledge that if usage following conditional reclassification is less than the required minimum, the customer shall be rebilled in accordance with the rate schedule otherwise applicable to its usage. The Utility reserves the right to accept or reject any such request.
9. Service Election: Electric generation, refinery and enhanced oil recovery customers may elect service under this schedule unless qualified to receive Transmission Level Service. Commercial and non-refinery industrial customers currently meeting the size requirements set forth for Priority 2A customers under Rule No. 23 may elect service under this schedule unless qualified to receive Transmission Level Service. Commercial and non-refinery industrial customers who either (1) elect core service or (2) close their facilities for a period of a year or more (excluding changes in name or ownership) will no longer be eligible for service under this schedule unless they meet the size requirements set forth for Priority 2A customers under Rule No. 23.
10. Transportation and Balancing Rules: All terms and conditions of Rule No. 30 and Schedule No. G-IMB shall apply to the transportation of customer-owned gas under this schedule.
11. Gas Exchange Arrangements: Customers having existing gas exchange agreements with the Utility must exchange the maximum amount of gas allowable under those agreements prior to the delivery of customer-owned gas for transportation under other service agreements, unless otherwise agreed to by the Utility.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4047
 DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 8, 2009
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Schedule No. GT-~~INC~~

Sheet 5

~~INTERRUPTIBLE~~ INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

ELECTRONIC METER-READING

- 12. Customers electing noncore service status must have electronic meter-reading equipment installed at Customer's expense as a condition of noncore service.

NEGOTIABLE TRANSPORTATION CHARGES

- 13. Negotiated Short-Term Contracts: By mutual agreement, the Utility and the customer may negotiate ~~interruptible~~ intrastate transportation charges for a term of service of less than five years without CPUC approval. Any such negotiated transportation charges shall be set forth in the customer's service contract. All such service contracts must be submitted by letter to the CPUC and made available for public inspection. No other charges under this schedule shall be negotiable unless CPUC approval is first obtained.
- 14. CPUC Approval of Long Term Contracts: All contracts for a term of service of five years or longer ("long-term") meeting the guidelines set forth in Decision No. 92-11-052 must be filed for prior CPUC approval under the CPUC's Expedited Application Docket (EAD) procedure adopted in Decision No. 92-11-052. All long-term contracts must be filed by advice letter for prior CPUC approval.
- 15. Contracted Rates: Customers under CPUC approved long-term bundled discounted contracts as of the date of D.06-12-031 shall have their contracted rate reduced by the average rate reduction to the GT-~~FNC~~ rate associated with the unbundled Backbone Transportation Service revenues. Long-term discounted contracts after the date of D.06-12-031 shall be deemed to be unbundled and shall not receive a reduction to the rate negotiated to account for Backbone Transportation Service.

ELECTRIC GENERATION

- 16. Amount of Gas Billed: Subject to Special Condition 19, the amount of gas to be billed at the electric generation rate for customers having both electric generation and non-electric generation end use on a single meter will be the lesser of:
 - a. Total metered throughput; or
 - b. An amount of gas equal to the customer's recorded power production in kilowatt-hours (KWH) times the average heat rate for their electric generation facilities. The difference between total meter throughput and the volume limitation specified herein will be charged the rate applicable to the other end use served off the meter.

(Continued)

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Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
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Schedule No. GT-~~INC~~

Sheet 6

INTERRUPTIBLE INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

ELECTRIC GENERATION (Continued)

- 17. Average Heat Rate: When required, as a condition of service under the electric generation rate, electric generation customers will provide the Utility with the average heat rate for electric generation equipment as supported by documentation from the manufacturer. If not available, operating data shall be used to determine customer's average heat rate. L
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- 18. Measurement Devices: Electric generation customers receiving electric generation service will make available upon request any measurement devices required to directly or indirectly determine the kilowatt-hours generated or the average heat rate for the electric generation equipment. The Utility shall have the right to read, inspect and/or test all such measurement devices during normal business hours. Additional gas and/or steam metering facilities required to separately determine gas usage to which the electric generation rate is applicable may be installed, owned and operated by the Utility in accordance with Rule No. 21; however, the Utility may, at its sole discretion, utilize estimated data to determine such gas usage. T,L
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- 19. Separate Metering: All electric generation customers receiving service at the electric generation transportation rate shall be separately metered unless it can be demonstrated that a separate meter is not economically feasible. T,L
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- 20. Cogeneration Contract Addendum: A Cogeneration Contract Addendum (Form No. 5058) will be required as a condition of electric generation service for cogeneration customers under this schedule in those cases where dedicated main facilities are necessary to serve the customer. T
- 21. Standby Boiler System: Cogeneration facilities with standby boilers will be treated as one customer for purposes of assessing customer charges, providing the customer has signed an affidavit (Form No. 6419) to the effect that its boiler system only operates when the cogeneration system is not operating. T

COMMERCIAL AND INDUSTRIAL

- 22. Switch from Distribution to Transmission: When the Utility uses its discretion, as defined in Rule 20 H.4, to accommodate a current commercial and industrial customer's request to switch from Noncore Distribution Level Service to Transmission Level Service, the Utility shall file an advice letter to notify the Commission before accommodating such a request. The advice letter filing should include an estimate amount of stranded costs associated with the customers' request. D
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(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4047
 DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 8, 2009
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Schedule No. GT-~~INC~~

Sheet 7

~~INTERRUPTIBLE~~ INTRASTATE TRANSPORTATION SERVICE
 FOR DISTRIBUTION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

COMMERCIAL AND INDUSTRIAL (Continued)

- 23. Multiple Meters: For commercial and industrial customers served under this schedule through multiple meters on a single premises, as defined in Rule No. 1, the Utility shall combine all such meters, excluding meters serving electric generation equipment, for billing purposes in accordance with the provisions of Rule No. 14B.

SERVICE TO CUSTOMERS TAKING SERVICE FROM AN ALTERNATE GAS
 TRANSPORTATION SERVICE PROVIDER

- 24. Customers who receive gas transportation service from an alternate service provider may be subject to the provisions of Rate Schedule GT-TLS, Intrastate Transportation Service for Transmission Level Customers.

IMPLEMENTATION OF D-09-11-006

- ~~25. Effective February 1, 2010 Transmission Level Service customers served under this schedule shall receive service under Schedule No. GT-TLS.~~

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(TO BE INSERTED BY UTILITY)

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 DECISION NO. 09-11-006

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ISSUED BY

Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)

DATE FILED Dec 8, 2009
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SoCalGas Schedule No. GT-TLS

Schedule No. GT-TLS
INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

Sheet 2

(Continued)

RATES

Class-Average Volumetric Rate Option

Transportation Charges (CA)

Rate, per therm

GT-3CA, Commercial/Industrial	1.808¢	I
GT-4CA, Enhanced Oil Recovery	1.564¢	
GT-5CA, Electric Generation*	1.564¢	
GT-7CA, Wholesale - City of Long Beach	1.449¢	
GT-8CA, Wholesale - San Diego Gas & Electric	1.258¢	I
GT-9CA, Wholesale - Southwest Gas Corporation's service territory in southern California	1.449¢	I
GT-10CA, Wholesale - City of Vernon	1.449¢	
GT-12CA, Wholesale - ECOGAS Mexico, S. de R.L. de C.V.	1.449¢	I

* The amount of gas applicable under the electric generation rate is determined in accordance with the provisions stated in Special Condition ~~4817~~ herein.

Additional Charges

Rates may be adjusted to reflect any applicable taxes, franchise or other fees or regulatory surcharges approved or directed by the CPUC.

Reservation Rate Option

Contract Quantity

Customer will specify a uniform Daily Reservation Quantity (DRQ) for service under this rate option subject to the Utility's approval which will not be unreasonably withheld. For Bypass customers, the DRQ is subject to Utility's capacity availability. The DRQ, which may be zero, shall be reflected in Schedule A of the Master Services Contract as scheduled quantities applicable to RS service. Metered usage above Customer's DRQ on a daily basis will be subject to a volumetric transportation charge for non-Bypass or Bypass customers, respectively, as specified in Special Conditions 4.a.ii and 4.b.i.

(Continued)

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 DECISION NO. 13-05-010, 10-04-034,
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Schedule No. GT-TLS
INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

Sheet 3

(Continued)

RATES (Continued)

Reservation Rate Option (Continued)

Reservation Charges (RS)

Customer will pay reservation charges based on its DRQ.

Daily Reservation Rate

Rate, per therm per day

GT-3RS, Commercial/Industrial	0.597¢	R
GT-4RS, Enhanced Oil Recovery	0.597¢	
GT-5RS, Electric Generation*	0.597¢	
GT-7RS, Wholesale - City of Long Beach	0.595¢	R
GT-9RS, Wholesale - Southwest Gas Corporation's service territory in southern California.	0.595¢	R
GT-10RS, Wholesale - City of Vernon	0.595¢	
GT-12RS, Wholesale - ECOGAS Mexico, S. de R.L. de C.V.	0.595¢	R

Usage Charge for RS

In addition to the Reservation Charge, Customer will pay a Usage Charge for RS for gas consumed by Customer up to its DRQ.

Rate, per therm

GT-3RS, Commercial/Industrial	1.004¢	I
GT-4RS, Enhanced Oil Recovery	0.760¢	
GT-5RS, Electric Generation*	0.760¢	
GT-7RS, Wholesale - City of Long Beach	0.648¢	I
GT-9RS, Wholesale - Southwest Gas Corporation's service territory in southern California	0.648¢	I
GT-10RS, Wholesale - City of Vernon	0.648¢	
GT-12RS, Wholesale - ECOGAS Mexico, S. de R.L. de C.V.	0.648¢	I

* The amount of gas applicable under the electric generation rate is determined in accordance with the provisions stated in Special Condition ~~18~~17 herein.

(Continued)

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 DECISION NO. 13-05-010, 10-04-034,
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Schedule No. GT-TLS

Sheet 4

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

RATES (Continued)

Reservation Rate Option (Continued)

Volumetric Transportation Charges for Non-Bypass Customers (NV)

In addition to a Reservation Charge and a Usage Charge for gas consumed by Customer up to its DRQ, a Non-Bypass customer will pay a volumetric transportation charge for gas consumed by Customer above its DRQ.

Rate, per therm

GT-3NV, Commercial/Industrial	2.026¢	I
GT-4NV, Enhanced Oil Recovery	1.782¢	
GT-5NV, Electric Generation*	1.782¢	
GT-7NV, Wholesale - City of Long Beach	1.667¢	I
GT-9NV, Wholesale - Southwest Gas Corporation's service territory in southern California	1.667¢	I
GT-10NV, Wholesale - City of Vernon	1.667¢	
GT-12NV, Wholesale - ECOGAS Mexico, S. de R.L. de C.V.	1.667¢	I

Volumetric Transportation Charges for Bypass Customers (BV)

In addition to a Reservation Charge and a Usage Charge for gas consumed by Customer up to its DRQ, a Bypass customer will pay a volumetric transportation charge for gas consumed by Customer above its DRQ.

Rate, per therm

GT- 13 3BV, Commercial/Industrial	2.316¢	I
GT- 14 4BV, Enhanced Oil Recovery	2.072¢	
GT- 15 5BV, Electric Generation*	2.072¢	
GT- 17 7BV, Wholesale - City of Long Beach	1.956¢	I
GT- 19 9BV, Wholesale - Southwest Gas Corporation's service territory in southern California	1.956¢	I
GT- 110 10BV, Wholesale - City of Vernon	1.956¢	
GT- 112 12BV, Wholesale - ECOGAS Mexico, S. de R.L. de C.V.	1.956¢	I

* The amount of gas applicable under the electric generation rate is determined in accordance with the provisions stated in Special Condition ~~18~~17 herein.

(Continued)

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. 4730
 DECISION NO. 13-05-010, 10-04-034,
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Lee Schavrien
 Senior Vice President

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Schedule No. GT-TLS

Sheet 5

INTRASTATE TRANSPORTATION SERVICE
 FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

RATES (Continued)

Reservation Rate Option (Continued)

Additional Charges

Rates may be adjusted to reflect any applicable taxes, franchise or other fees or regulatory surcharges approved or directed by the CPUC.

California Air Resources Board (CARB) Fee Credit (0.110)¢/therm

The CARB Fee Credit is applicable to Commercial/Industrial, Enhanced Oil Recovery and Electric Generation customers who are identified by CARB as being billed directly for CARB administrative fees. A customer who is supplying fuel to a facility on behalf of the owner (e.g. tolling arrangement) of a facility that has been identified by CARB as being billed directly, may receive the CARB Fee Credit if so authorized by the facility owner and agreed to by the utility. Applicable CARB Fee Credits may be provided from the date CARB identifies a customer as being direct billed, or provided based upon documentation satisfactory to the Utility for the time period for which payments were made directly to CARB, whichever is earlier.

Monthly Minimum Charge

The Monthly Minimum Charge shall apply to a Bypass customer only. The Monthly Minimum Charge shall recover the Utility's actual Customer-related service costs. Customer-related service costs shall be limited to actual operations and maintenance costs of the metering equipment and other related facilities at the Customer's meter(s) that are owned and operated by the Utility necessary to deliver gas in accordance with the Utility's rules and procedures, good industry practice, and governmental regulations. The Utility shall determine actual Customer related service costs for each eligible Customer not later than 30 days following a request by the Customer and shall seek CPUC approval of the resulting Monthly Minimum Charge by Advice Letter. The approved Monthly Minimum Charge for each Customer shall apply only when the charge exceeds the total reservation and volumetric transportation charges for GT-TLS service and shall be applied in lieu of the total reservation and volumetric transportation charges.

SPECIAL CONDITIONS

GENERAL

1. Definitions: The definitions of principal terms used in this schedule are found either herein or in Rule No. 1, Definitions.
2. Number of Therms: The number of therms to be billed shall be determined in accordance with Rule No. 2.

(Continued)

(TO BE INSERTED BY UTILITY)
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 DECISION NO. 13-05-010, 10-04-034,
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Schedule No. GT-TLS

Sheet 6

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

3 Bypass Customers: Bypass is defined in Rule No. 1.

A customer who has Bypassed the Utility may elect to resume tariff service under one of the non-Bypass rate options under this schedule, as described below, if the following conditions are met: (a) Customer must cease to receive service from an alternate gas supply source or an Alternate Gas Transportation Service Provider and (b) Customer must physically disconnect from the alternate gas supply source or the Alternate Gas Transportation Service Provider.

4. Eligibility for Rate Options:

a. Non-Bypass Customers:

- i. Class-Average Volumetric Rate Option; or
- ii. Reservation Rate Option with RS and NV Charges

b. Bypass Customers:

- i. Reservation Rate Option with RS and BV Charges.

~~5. Level of Service~~

~~a. Unconstrained Areas~~

- ~~i. Class Average Volumetric Rate service is firm up to the quantities specified for firm priority CA service as designated in Schedule A of the Master Services Contract. Firm quantities are established by the Utility based on Customer's historic peak usage or Customer's Utility approved forecasted load, and on the Utility's operating capabilities. Usage above the designated firm quantities is considered interruptible service for curtailment purposes.~~
- ~~ii. Reservation Rate Option service is firm up to the quantities specified for firm priority RS and NV services as designated in Schedule A of the Master Services Contract for non-Bypass customers. Firm quantities are established by the Utility based on Customer's historic peak usage or Customer's Utility approved forecasted load, and on the Utility's operating capabilities. Usage above the designated firm priority RS and NV quantities is considered interruptible for curtailment purposes.~~

(Continued)

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Lee Schavrien
Senior Vice President

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DATE FILED Jul 18, 2013
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Schedule No. GT-TLS

Sheet 7

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

~~5. Level of Service (Continued)~~

~~a. Unconstrained Areas (Continued)~~

~~iii. Reservation Rate Option service is firm up to the DRQ for Bypass customers. Daily metered usage above the DRQ is considered interruptible for curtailment purposes.~~

~~b. Potentially Capacity Constrained Areas~~

~~i. Firm service is provided up to the Customer's awarded firm noncore capacity. Any usage above the firm awarded noncore capacity is considered interruptible for curtailment purposes.~~

~~ii. Full Requirements Service is not available.~~

~~6.5. Multiple Use Customer:~~ Customers may receive service under this schedule (a) separately or (b) in combination with another rate schedule(s). Where service is rendered under (b), a separate monthly customer charge will be applicable for service under each schedule with a customer charge unless otherwise stated.

~~7.6. Utility Service Agreement:~~ As a condition precedent to service under this schedule, an executed Master Services Contract, Schedule A, Intrastate Transmission Service (Form Nos. 6597 and 6597-1) is required. All contracts, rates and conditions are subject to revision and modification as a result of CPUC order.

~~Except as provided for in Special Conditions 50-52, i~~In the event customers are unable to execute the necessary contracts by the time service is required, and no alternate schedule is available, they may temporarily receive GT-NV (non-Bypass) or GT-BV (Bypass) transmission service under this schedule. Customers receiving temporary service without executed contracts will not be able to: (a) take advantage of Contracted Marketer services, (b) designate Agents to nominate on their behalf, (c) avail themselves of other services which require executed contracts, or (d) group separate facilities for nomination purposes, and instead must nominate separately for the non-contracted facility. All other tariffs and Rules, including, but not limited to, Schedule No. G-IMB, will apply to customers without executed contracts.

~~8.7. Term:~~

~~a. The contract term for CA, NV, BV, and RS charges under this schedule shall be a minimum of three years one month.~~

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4522
DECISION NO.

ISSUED BY
Lee Schavrien
Senior Vice President

(TO BE INSERTED BY CAL. PUC)
DATE FILED Jul 18, 2013
EFFECTIVE Aug 17, 2013
RESOLUTION NO. _____

Schedule No. GT-TLS

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

8.7. Term (Continued)

~~b. The contract term for NV and BV charges under this schedule shall be a minimum of one month.~~

~~b.e.~~ For contracts with an effective date on or after August 1, 2009, ~~Class Average Volumetric Rate Option service and Reservation Rate Option service~~ Transmission Level Service contracts will have an option to auto-renew for an additional ~~three year~~ one month term following the initial term or any subsequent ~~three year~~ one month term unless either party provides a minimum of twenty (20) days prior written notice that the contract or Full Requirements Service is terminated or replaced by a new contract at the end of such term.

~~d. In the event a Customer does not subsequently execute an agreement for an additional term or an automatic renewal pursuant to Special Condition 8.c, service will continue to be provided monthly under the a) NV charge for non-Bypass customers or b) BV charge for Bypass customers.~~

~~e. A customer may elect to terminate an existing contract and enter into a new contract at the same or greater DRQ in order to align its term with the triennial Backbone Transportation Service Rights period.~~

~~9.~~ 8. Curtailment/Force Majeure:

a. In the event of curtailment, customers served hereunder will be curtailed in accordance with Rule No. 23. Penalties for violation of curtailment shall apply as set forth in Rule No. 23. If service to wholesale customers' Priority 1 and 2A customers is in jeopardy, such customers shall be served in parity with the Utility's Priority 1 and 2A customers as set forth in Rule No. 23.

b. Applicable ~~use or pay charges and~~ RS reservation charges shall only be forgiven to the extent the customer's reduced consumption is specifically due to intrastate curtailment or an event of force majeure, as defined in Rule No. 1, on either the interstate or intrastate systems.

~~10.~~ 9. Change of Customer's Apparatus or Equipment: In the event customers make a material change, either in the amount or character of their gas appliances or equipment, written notice thereof must be made to the Utility in accordance with Rule No. 29, Change of Consumer's Apparatus or Equipment.

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4522
DECISION NO.

ISSUED BY
Lee Schavrien
Senior Vice President

(TO BE INSERTED BY CAL. PUC)
DATE FILED Jul 18, 2013
EFFECTIVE Aug 17, 2013
RESOLUTION NO. _____

Schedule No. GT-TLS

Sheet 10

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

15-14. Additional Balancing Requirements for Bypass Customers: (Continued)

- c. Bypass customers will be required to balance transportation deliveries with metered usage to within two imbalance limits each day of the year: 1) the daily imbalance cannot exceed plus or minus five percent ($\pm 5\%$) of that day's metered usage, and 2) the accumulated daily imbalance cannot exceed plus or minus one percent ($\pm 1\%$) of the customer's actual Utility usage in the same month of the prior year. The quantity used to determine the $\pm 1\%$ accumulated daily imbalance limit may be adjusted by the Bypass customer who does not have actual Utility gas usage history or when forecasted future operations differ from historical. Requests for adjustment must be made in writing and submitted to the Utility before the first day of the month in question, preferably no fewer than 10 calendar days before. Utility System Operator will not be required to provide warnings or other notice that the customer is falling outside the prescribed balancing tolerances. The Bypass customer is responsible for tracking its own daily imbalance positions. Charges for noncompliance with these daily balancing limits will be calculated as the sum of the following:
 - i. A noncompliance charge equal to \$0.10 per therm per day for each day when the daily imbalance exceeds $\pm 5\%$ of the daily metered or determined usage. For each Operational Flow Order ("OFO") event day on which a customer exceeds its daily imbalance limit in a direction opposite to that of the event situation, there will be no noncompliance charge. For example, during an OFO due to over-nomination, a balancing entity with a negative daily imbalance exceeding -5% would not receive a noncompliance charge for this situation.
 - ii. A noncompliance charge equal to \$0.10 per therm per day for each day when the accumulated daily imbalance exceeds the $\pm 1\%$ limit stated above. Accumulated daily imbalance charges will be assessed regardless of OFO events.
- d. The Utility will calculate daily imbalances after the calendar month for each balancing entity after processing the applicable meter data.
- e. Monthly accumulated daily imbalance trading is allowed for remaining prior month-end accumulated daily imbalances. Any accumulated daily imbalances remaining after the trading period that are in excess of $\pm 1\%$ of the prior months metered usage will be billed at the G-IMB Standby Procurement Charge or purchased by the Utility at the G-IMB Buy Back Rate. Any carry forward amount will set the beginning accumulated daily imbalance quantity.

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4047
DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 8, 2009
EFFECTIVE Feb 1, 2010
RESOLUTION NO. _____

Schedule No. GT-TLS

Sheet 13

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

NEGOTIABLE TRANSPORTATION CHARGES (Continued)

~~26.~~ 25. The Utility may negotiate discounted contracts for a service term of five years or longer with customers served under this schedule. Such contracts must be filed for prior CPUC approval.

~~27.~~ 26. Customers under CPUC approved long-term bundled discounted contracts as of the date of D.06-12-031 shall have their contracted rate reduced by the average rate reduction to the GT-TLS Class Average Volumetric rate associated with the unbundled Backbone Transportation Service revenues. Long-term discounted contracts after the date of D.06-12-031 shall be deemed to be unbundled and shall not receive a reduction to the rate negotiated to account for Backbone Transportation Service.

~~FIRM NONCORE SERVICE IN POTENTIALLY CAPACITY CONSTRAINED AREAS~~

~~28. Open Season: The Utility will conduct an open season to solicit contractually binding bids from noncore eligible customers for firm service in potentially capacity constrained areas, as defined in Rule No. 1.~~

~~29. Customer Size: For the purposes of bidding for firm capacity in potentially capacity constrained areas, large noncore customers are defined as (1) commercial/industrial and enhanced oil recovery (EOR) customers with historical peak day usage of 20 million cubic feet per day (MMcfd) or more and (2) electric generation customers using three (3) million therms or more per year. Small noncore customers are defined as (1) commercial/industrial and EOR customers with historical peak day usage of less than 20 MMcfd and (2) electric generation customers using fewer than (3) million therms per year.~~

~~30. Scheduled Quantity Addendum: The Master Services Contract Schedule A Intrastate Transmission Service Scheduled Quantity Addendum (Form No. 6900) (Addendum) shall be used to specify monthly or hourly scheduled quantities in conjunction with the standard Master Services Contract Schedule A, Intrastate Transmission Service (Form No. 6597-1).~~

27.

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4240
DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED May 6, 2011
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Schedule No. GT-TLS
INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

Sheet 14

(Continued)

SPECIAL CONDITIONS (Continued)

~~FIRM NONCORE SERVICE IN POTENTIALLY CAPACITY CONSTRAINED AREAS~~ (Continued)

~~31. Term of Awarded Firm Noncore Capacity:-~~

~~a. For large noncore customers, the term for firm service shall be the earlier of (a) two (2) years beyond the in-service date of facilities associated with the expansion of local transmission service, or the commencement of service on interstate and/or foreign pipelines or other arrangements that alleviate the need for expanding local transmission facilities, limited to the contractual commitments approved in D.07-05-022; or (b) five (5) years. For small noncore customers, the term is two years. Existing firm contracts will be honored until the end of the contract's current term. Contract quantities for the succeeding contract will conform to the quantities awarded in the open season and the term will coincide with the earlier of a) the beginning of the next open season or b) three years after the succeeding contract is executed. In the event all requests for firm noncore capacity can be awarded without proration and the Utility does not plan to expand the local transmission system within the five-year contract period, the Utility will inform the CPUC. Upon CPUC agreement that there is no need to construct additional facilities within the five-year contract period, the Utility shall amend the five-year contracts to expire after two years, consistent with the term for small customers.~~

~~b. If the term under the Customer's rate option is shorter than the term for firm noncore capacity awarded in a constrained area open season, then the customer's open season award shall carry over to its subsequent rate option contract. If the term under the Customer's rate option is longer than the term for firm noncore capacity awarded in a constrained area open season, then the customer's rate option commitments will apply and may not be reduced in a subsequent open season.~~

~~32. Hourly Scheduled Quantity (HSQ): HSQ is the quantity awarded in an open season and to be delivered each hour as firm noncore service as specified in the Addendum under this rate schedule.~~

~~33. Monthly Scheduled Quantity (MSQ): MSQ is the quantity awarded in an open season and to be delivered each month as firm noncore service as specified in the Addendum under this rate schedule. For customers bidding hourly, the MSQ under this rate schedule is equivalent to the summation of HSQs for the month.~~

~~31.~~

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4047
DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 8, 2009
EFFECTIVE Feb 1, 2010
RESOLUTION NO. _____

Schedule No. GT-TLS
INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

Sheet 15

(Continued)

SPECIAL CONDITIONS (Continued)

~~FIRM NONCORE SERVICE IN POTENTIALLY CAPACITY CONSTRAINED AREAS (Continued)~~

- ~~34. Use or Pay for Awarded Noncore Capacity: If during any billing period, Customer's firm noncore usage is less than 75% of Customer's awarded monthly firm noncore quantities (use or pay obligation), Customer will be assessed use or pay charges. The use or pay charges will be equal to 80% of the CA or NV rate, as applicable, multiplied by the difference between a) Customer's use or pay obligation minus its DRQ summed over the month and b) Customer's firm noncore usage above the DRQ summed over the month, provided that use or pay charges shall not be less than zero (0).~~
- ~~35. Early Termination: In the event of early termination of the contract, the customer will pay the Utility an amount equal to the outstanding use or pay or reservation charges for the contracted period.~~
- ~~36. Authorized Curtailment Quantity: The maximum hourly quantity (in therms) the customer is entitled to use during an interruptible service curtailment is equal to any core MSQs for the month divided by operating days specified for that sequence in the contract divided by 24 hours. In addition, the customer is authorized to use either: (a) the firm noncore MSQs for the month divided by operating days specified for that sequence in the contract divided by 24 hours for customers who bid monthly MSQs; or (b) the stated HSQ for the specific hour, day, month and year awarded for customers who bid hourly HSQ. In the event interruptible service is only partially curtailed, the customer shall also be entitled to use the non-curtailed portion of their interruptible MSQ, divided by operating days, as specified for that sequence, divided by 24 hours.~~
- ~~37. Availability of Daily and Hourly Data: In the event that daily usage data is not available, the recorded monthly volumes delivered to the customer shall be assumed to be delivered at a constant rate over the number of calendar days during the month. In the event that hourly usage data is not available, the recorded daily volumes delivered to the customer shall be assumed to be delivered at a constant rate over a 24 hour period.~~
- ~~38. Curtailment Violation Charges: Charges will apply hourly for any quantities consumed that exceed those authorized by hour at the following charges:~~
- ~~-\$1 per therm for hours 1 through 5 of the curtailment event;~~
 - ~~-\$3 per therm for hours 6 through 8 of the curtailment event; and~~
 - ~~-\$10 per therm for each hour after hour 8 through end of the curtailment event.~~

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4047
DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 8, 2009
EFFECTIVE Feb 1, 2010
RESOLUTION NO. _____

Schedule No. GT-TLS
INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

Sheet 16

(Continued)

SPECIAL CONDITIONS (Continued)

~~FIRM NONCORE SERVICE IN POTENTIALLY CAPACITY CONSTRAINED AREAS~~ (Continued)

~~39. Awarding of Firm Noncore Capacity: For any period where the firm bids exceed firm capacity, all bids that exceed a customer's historic usage will be reduced to historic usage. The historic usage will be equal to the customer's peak day usage for that month within the most recent 12 months. Peak day usage will be divided by 24 to determine historic hourly usage. If firm capacity remains over-subscribed after customers' bids have been reduced to historic usage, the Utility shall first award available firm capacity pro-rata based on historic usage. If firm capacity is not over-subscribed after customers' bids have been awarded based on historic usage, quantities bid in excess of each customer's historic usage and quantities submitted by new customers will be awarded on a pro-rata basis. The Utility will use small customers' Year 2 bids as a factor in determining the firm service capacity awards for Years 3, 4, and 5 for large customers within the same constrained area. After, and to the extent, the Utility places into service facilities that can provide higher levels of firm service, all customers' awards will be increased by a pro-rated amount, up to their bid amounts, for the duration of their contracts. During the term of its contract, a large customer may not change its bids for firm service for any of the time periods in the Addendum.~~

~~40. Hourly Allocation of Bids when Oversubscribed: In the event that only certain hours are oversubscribed, then monthly bids will be converted to an hourly basis by dividing by the number of operating days in the month and then by 24 hours; the "converted hourly bid" will be pro-rated along with hourly bids for the oversubscribed hour(s); and then converted back into a monthly award by multiplying the pro-rated hour amount by 24 hours and then multiplying by the number of operating days in the month.~~

~~41. Firm Quantities Bid but Not Awarded: Such quantities shall be added to the customer's interruptible sequence.~~

~~42. Right of Refusal: The Utility reserves the right to reject any bid. Once a bid is rejected, the Utility shall notify the customer as to the reason for such rejection. The customer may re-submit a bid, provided that firm quantities have not yet been awarded to participants in the open season.~~

~~43. Non-Bidding Customers: Any potential noncore eligible customer, offered an opportunity to bid for firm noncore service, who declines to bid, or was not awarded sufficient firm capacity, may not elect core service during the period covered by the open season. Noncore eligible customers taking core service as of the open season start date that do not submit a bid for service may remain core.~~

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4047
DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 8, 2009
EFFECTIVE Feb 1, 2010
RESOLUTION NO. _____

Schedule No. GT-TLS

Sheet 17

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

~~FIRM NONCORE SERVICE IN POTENTIALLY CAPACITY CONSTRAINED AREAS (Continued)~~

~~44. Intrastate Capacity Trading: A customer taking firm noncore service within a capacity constrained service area (Capacity Holder) may request to transfer all or a portion of its awarded firm noncore intrastate capacity and the associated obligations, including monthly use or pay obligations (Trade), to another Transmission Level customer (Recipient) that desires the capacity in the same capacity constrained area during the periods designated in the Constrained Area Firm Capacity Trading Agreement (Form 6910) (Trading Agreement) (see the trading section of <http://www.socalgas.com/>). The following process shall apply to all proposed Trades of intrastate firm capacity in potentially capacity constrained areas:~~

- ~~a. Trades must be within the same constrained service area.~~
- ~~b. No less than thirty (30) calendar days prior to the first proposed Trading Day, defined as a calendar day on which a Trade occurs, Capacity Holder and Recipient shall submit to the Utility an original Trading Agreement signed by Capacity Holder and Recipient.~~
- ~~c. Any trade requests must be approved by the Utility before the Trade may commence.~~
- ~~d. The Utility shall determine, in its sole reasonable discretion, whether the trade request is accepted or rejected based on operational feasibility and/or Recipient's creditworthiness as set forth in the Utility's Rule No. 6.~~
- ~~e. Within twenty five (25) Calendar Days after receiving the trade request, the Utility shall notify Capacity Holder and Recipient as to whether the proposed Trade is approved or rejected.
 - ~~i. If the Utility approves the proposed Trade, the Utility shall execute the Trading Agreement and return a copy of the fully executed original to Capacity Holder and Recipient. The Trade is approved as of the date on which the Utility executes the Trading Agreement.~~
 - ~~ii. If the Utility rejects the proposed Trade, the Utility shall notify Capacity Holder and Recipient that the trade request has been rejected and the reason for rejection.~~~~
- ~~f. Capacity Holder and Recipient may trade only the capacity amounts for the operating days or hours set forth in the Trading Agreement.~~

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4047
DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 8, 2009
EFFECTIVE Feb 1, 2010
RESOLUTION NO. _____

Schedule No. GT-TLS

Sheet 18

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

(Continued)

SPECIAL CONDITIONS (Continued)

~~FIRM NONCORE SERVICE IN POTENTIALLY CAPACITY CONSTRAINED AREAS (Continued)~~

~~44. Intrastate Capacity Trading (Continued)~~

~~g. Customers desiring a Trade may use a Utility hosted platform or other lawful means to solicit a Trade.~~

~~h. As of the first Trading Day and throughout the period subject to the Trade, all of Capacity Holder's obligations with regard to the traded capacity, including use or pay obligations, shall become Recipient's sole responsibility. Capacity Holder's use or pay obligations will decrease and Recipient's use or pay obligations will increase by the quantities set forth in the Trading Agreement.~~

AFFILIATE SERVICE

45.27. Any affiliate of the Utility, including SDG&E, shipping gas on the Utility's system for use in electric generation shall use the Electronic Bulletin Board (EBB), as defined in Rule No. 1, to nominate and schedule such volumes separately from any other volumes that it ships on the Utility's system. Such gas will be transported under rates and terms (including rate design) no more favorable than the rates and terms available to similarly situated non-affiliated shippers for the transportation of gas used in electric generation.

SAN DIEGO GAS & ELECTRIC WHOLESALE SERVICE

~~46. Due to the integration of transmission service between the Utility and SDG&E, Special Conditions 28-44 do not apply to wholesale service provided by the Utility to SDG&E. The Utility and SDG&E will conduct open seasons to solicit contractually binding bids from their respective noncore eligible customers for firm service on a concurrent basis when wholesale service to SDG&E is affected by potential constraints on the SoCalGas and SDG&E transmission systems. Capacity will be allocated concurrently to both the Utility's and SDG&E's affected customers on a concurrent basis using the criteria specified in Special Conditions 28-44.~~

ECOGAS MEXICO, S. DE R.L. DE C.V.(ECOGAS) WHOLESALE SERVICE

47.28. ECOGAS is an affiliate of Sempra Energy and as such, the CPUC Affiliate Transaction Rules apply regarding the relationships and activities occurring between SoCalGas, SDG&E, and ECOGAS.

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4047
DECISION NO. 09-11-006

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED Dec 8, 2009
EFFECTIVE Feb 1, 2010
RESOLUTION NO. _____

Schedule No. GT-TLS
INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

Sheet 19

(Continued)

SPECIAL CONDITIONS (Continued)

SOUTHWEST GAS CORPORATION (SOUTHWEST) WHOLESALE SERVICE

~~48.29.~~ Transportation charges for Southwest under this schedule are applicable only to gas quantities delivered through Points of Delivery served by Utility. The Points of Delivery are specified in the executed Master Services Contract, Schedule A, Intrastate Transmission, dated December 10, 2008 (Contract).

~~49.30.~~ The term of service for Southwest under this schedule is specified in the Contract. During this term, Southwest may elect either of the rate options offered in this schedule for the time period associated with that option and which is consistent with the Contract.

IMPLEMENTATION OF D.09-11-006

~~50. Customer must execute a new Master Services Contract, Schedule A Intrastate Transmission Service contract ("Schedule A") by 11:59 p.m. Pacific Clock Time (PCT) on February 28, 2010 to elect its GT-TLS rate options starting effective February 1, 2010.~~

~~51. If Customer executes a new Schedule A by 11:59 p.m. Pacific Clock Time (PCT) on February 28, 2010 specifying Customer's GT-TLS rate elections, then that contract shall supersede Customer's then in-effect Schedule A, which shall terminate on February 1, 2010.~~

~~52. If Customer does not execute a new Schedule A by 11:59 p.m. Pacific Clock Time (PCT) on February 28, 2010, then the Utility shall implement the Customer's elected default service by adjusting Customer's then in-effect Schedule A rate, term, effective date and renewal, as detailed below.~~

~~a. If Customer qualifies for GT-CA service, then the Utility shall adjust Customer's then in-effect Schedule A to reflect GT-CA service for a three year, auto-renewal term starting effective February 1, 2010. Other terms of the in-effect Schedule A, including but not limited to, firm service quantities and firm service awards, shall remain unchanged.~~

~~b.a. If Customer does not qualify for GT-CA service, then the Utility shall adjust Customer's then in-effect Schedule A to reflect GT-NV or GT-BV service, as applicable, for a month-to-month term starting effective February 1, 2010. Other terms of the in-effect Schedule A, including but not limited to, firm service quantities and firm service awards, shall remain unchanged.~~

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. 4047
DECISION NO. 09-11-006

18C0

ISSUED BY

Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)

DATE FILED Dec 8, 2009
EFFECTIVE Feb 1, 2010

RESOLUTION NO. _____

SoCalGas Schedule A

MASTER SERVICES CONTRACT

SCHEDULE A

INTRASTATE TRANSMISSION SERVICE

This Agreement is entered into by and between Southern California Gas Company ("Utility") and _____ ("Customer") as of the _____ day of _____ . This Agreement shall be deemed attached to and incorporated as a Schedule in the Master Services Contract ("MSC") executed by the Parties.

NOW THEREFORE, in consideration of the promises and mutual undertakings set forth herein, the parties agree as follows:

Section 1 - Scope

A. Intent

This Agreement sets forth the general terms and conditions under which Utility will transport gas, or transport and procure gas, for Customer in California pursuant to Utility's applicable Tariff Rate Schedules and Tariff Rules ("Tariffs") on file with the Public Utilities Commission of the State of California ("CPUC"), as are in effect from time to time.

To the extent not inconsistent herewith, the provisions of the MSC are incorporated by reference in this Agreement. All tariffed transmission services by Utility shall be paid for by Customer at the rates specified in the applicable Tariffs, except as otherwise specified herein. Nothing in this Agreement shall be construed as preventing Utility and Customer from mutually agreeing to conditions which are more stringent than set forth in the Tariffs.

B. Effective Date/Term

(1) The Effective Date of this Agreement shall be as of 12:00 AM on _____.

(2) The Initial Term of this Agreement shall extend from the Effective Date and end on _____.

C. Renewals/Amendments

(1) Upon the expiration of any Billing Schedule Sequence term in Section 2, such Sequence shall automatically continue at the Otherwise Applicable Rate for the renewal period shown, unless that Sequence or this Agreement is amended or terminated by written notice from one party to the other given not less than twenty (20) days prior to the last day of the initial Sequence/ Agreement term or any subsequent term thereafter.

(2) The Otherwise Applicable Rates and renewal periods shown in Section 2 are subject to change pursuant to Utility's applicable Tariffs.

Section 2 - Services Provided and Redelivery Locations

Customer has requested and agreed to pay for, and Utility has determined that Customer is qualified for transmission services to the following locations (the data provided will be utilized by Utility in determinations regarding curtailment):

Facility _____

Facility _____ Account Number: _____ Name: _____
_____ Address: _____

Mail copy of bill to: _____

Email copy of bill to: _____

Measurement Location(s):

GNN	GNN Service Address
_____	_____
_____	_____
_____	_____

Full Requirements: _____ (Noncore only)

Facility Customer Contacts

Operations

Emergency

Name: _____	Name: _____
Title: _____	Title: _____
Address: _____	Address: _____
_____	_____
Tel. No: _____	Tel. No: _____
Fax No: _____	Fax No: _____
Wireless Phone: _____	Wireless Phone: _____
E-mail: _____	E-mail: _____

Customer shall notify Utility in the event of any change in the gas requirements or notification designations for this facility.

BILLING SCHEDULE SEQUENCE 01

Rate Schedule	Priority	Net Billed N/A	Transmission Rates Tariff/Negotiated	Otherwise Applicable Rate
---------------	----------	-------------------	---	---------------------------------

The term of this sequence is for _____ (months or years), and shall automatically continue thereafter on the Otherwise Applicable Rate Schedule specified with automatic renewal periods of _____ (months or years).

WINTER MONTHS CURTAILMENT BASELINE QUANTITY (THERMS) _____, of
SUMMER MONTHS CURTAILMENT BASELINE QUANTITY (THERMS) _____

“Winter Months” are defined as October through March and “Summer Months” are defined as April through September. The initial Curtailment Baseline Quantities for the Winter Months and Summer Months are set forth above and are valid only for up to 24 months after the Effective Date of this Agreement. Utility may revise the Curtailment Baseline Quantities for the Winter Months and Summer Months in accordance with the Tariffs and by providing at least 30 days advance written notice to Customer. Such revised Curtailment Baseline Quantities shall be deemed automatically incorporated herein, and shall replace the earlier-established Curtailment Baseline Quantities, without any further action of the parties and as of the date set forth in such notice.

MONTHLY SCHEDULED QUANTITY (THERMS)			
January _____		July _____	
February _____		August _____	
March _____		September _____	
April _____		October _____	
May _____		November _____	
June _____		December _____	

Daily Reservation Quantity (TLS)-Annual Quantity _____ Use or Pay Aggregator (Yes/No) _____

Customer's regular days for operations under this sequence are:

M _____ T _____ W _____ Th _____ F _____ Sat _____ Sun _____

BILLING SCHEDULE SEQUENCE 02

Rate Schedule	Priority	Net Billed N/A	Transmission Rates Tariff/Negotiated	Otherwise Applicable Rate
---------------	----------	-------------------	---	---------------------------------

The term of this sequence is for _____ (months or years), and shall automatically continue thereafter on the Otherwise Applicable Rate Schedule specified with automatic renewal periods of _____ (months or years).

WINTER MONTHS CURTAILMENT BASELINE QUANTITY (THERMS) _____, of
SUMMER MONTHS CURTAILMENT BASELINE QUANTITY (THERMS) _____

“Winter Months” are defined as October through March and “Summer Months” are defined as April through September. The initial Curtailment Baseline Quantities for the Winter Months and Summer Months are set forth above and are valid for up to 24 months after the Effective Date of this Agreement. Utility may revise the Curtailment Baseline Quantities for the Winter Months and Summer Months in accordance with the Tariffs and by providing at least 30 days advance written notice to Customer. Such revised Curtailment Baseline Quantities shall be deemed automatically incorporated herein, and shall replace the earlier-established Curtailment Baseline Quantities, without any further action of the parties and as of the date set forth in such notice.

MONTHLY SCHEDULED QUANTITY (THERMS)	
January _____	July _____

February _____	August _____
March _____	September _____
April _____	October _____
May _____	November _____
June _____	December _____

Daily Reservation Quantity (TLS) Annual Quantity _____ Use or Pay Aggregator (Yes/No) _____

Customer's regular days for operations under this sequence are:

M _____ T _____ W _____ Th _____ F _____ Sat _____ Sun _____

Section 3 - Other Existing Transportation/Exchange Arrangements

- (1) Customer has existing intrastate transportation/exchange arrangements with Utility: _____
 - (2) Date of Arrangement: _____
 - (3) Term of Arrangement: _____
 - (4) This Agreement shall have no impact on such existing arrangement except: _____
-

Section 4 - Transportation Services

Customers "Order Control Code" (OCC) for gas transportation by Utility is: _____

In the event Customer has elected Transportation Services herein, a Transportation Services Addendum must be completed to indicate the specific account to which any applicable imbalance charges pursuant to imbalance service provided under Tariff Schedule G-IMB shall be applied. Additional elections may be made by Customer, including but not limited to the use of Agent or Contracted Marketer services. Any elections, or changes thereto, made on the Transportation Services Addendum shall be applicable to all Customer Agreements and facilities utilizing the same Order Control Code.

Section 5 - Billing and Payment

Billing and Payment for services hereunder shall be as provided in Utility's Tariff Rule No. 9. Any special billing instructions should be noted in Section 7(E).

Section 6 - Transfer of Rights

Subject to Section 7(A), this Agreement and the rights and obligations hereunder shall only be transferred or assigned with the prior written consent of Utility which shall not be withheld unreasonably, provided that any successor first establishes its "creditworthiness" and assumes such contractual rights and obligations in writing.

Section 7 - Miscellaneous

A. Use or Pay Aggregator: N/A

Use or Pay Aggregators will automatically be authorized to access Customer's meter usage. Customer must have completed and executed MSC Schedule B, Form No. 6597-2 (including the terms and conditions thereof) and such Form is incorporated by reference (as supplemented from time to time) into this Agreement.

B. Contacts/Notices:

Any written notices from one party to the other affecting this Agreement shall be sent to the following locations (unless changed by seven days prior written notice):

Customer	Utility
_____	<u>Southern California Gas Company</u>
_____	_____
Attn: _____	Attn: _____
Title: _____	Title: _____
E-mail: _____	E-mail: _____

C. Definitions:

All definitions set forth in the Tariffs, including without limitation Utility Rule No. 1, are incorporated herein by reference as if set forth in full.

D. Miscellaneous Legal Provisions:

This Agreement incorporates by reference all terms and conditions of the MSC.

E. Special Conditions: The following special conditions of service are applicable hereto:

IN WITNESS WHEREOF, the authorized representatives of the parties have executed two duplicate original copies hereof.

Customer	Utility
_____	Southern California Gas Company _____
Signature: _____	Signature: _____
Name: _____	Name: _____
Title: _____	Title: _____

SoCalGas Form 6600

NOTICE OF INTRASTATE CURTAILMENT TRANSFER

This Notice is to confirm to Southern California Gas Company ("Utility") that _____ (Acct. No. # _____ and OCC No. # _____) ["Customer #1", a.k.a., "original curtailment assignee"], and _____ (Acct. No. # _____ and OCC No. # _____) ["Customer #2", a.k.a., "curtailment transferee"] have mutually agreed to implement an Intrastate Curtailment Transfer, pursuant to Utility's Tariff Rule #23. Such transfer shall be on the following terms and conditions:

1. In the event that Utility determines that Customer #1's service at _____ is to be curtailed, up to _____ decatherms per day of Customer #2's service at _____ shall first be curtailed. Such curtailment of Customer #2 hereunder shall in no event exceed _____ consecutive operating days of Customer #2.
2. To be effective, this Notice must be received by SoCalGas within the time periods specified in Rule #23, and such transfer must be ~~between customers within the same Local Service Zone applicable to a portion of Utility's service area which makes such intrastate curtailment transfer operationally feasible (as determined by Utility in its sole reasonable judgment).~~
3. Customer #2 shall be subject to all terms and conditions specified in Rule #23 (or any successor), from time to time.
4. This arrangement may be terminated at any time by either Customer #1 or Customer #2 subject to Utility receiving at least five (5) days prior written notification of such termination from the terminating party.
5. This arrangement will automatically terminate upon 1) the termination of either party's existing Schedule A: Intrastate Transmission Service agreement ("Schedule A"), or 2) the cessation of natural gas service by SoCalGas to either party.
6. Transfer volumes from Customer #2 to Customer #1 will be available only on operating days specified in the Schedule A of Customer #2.
7. Customer #1 and Customer #2 hereby agree and authorize Utility to treat the transfer volume in this form as an increase to the otherwise applicable ~~maxium allowed usage authorized curtailment quantity (ACQ)~~ of Customer #1 and a decrease to the otherwise applicable ~~maxium allowed usage authorized curtailment quantity~~ of Customer #2, as described in Rule #23.
8. Other than the intrastate curtailment transfer contemplated herein, any considerations or obligations agreed upon by and between Customer #1 and Customer #2 related to the curtailment priority established hereunder shall be solely between such parties, and shall not affect Utility or Utility's operations.
9. This arrangement shall be subject to the continuing jurisdiction of the California Public Utilities Commission (CPUC) and its orders, rules, regulations, and decisions and Utility's Tariff Rate Schedules and Tariff Rules, as each may be in effect from time-to-time.
10. The legal provisions of Utility's Tariff Rule #4 are incorporated and made part of this Agreement.
11. By the execution by their authorized representatives below, Customer #1 and Customer #2 affirm that the foregoing sets forth their mutual understanding, and upon execution by Utility's authorized representative, all parties concur that they shall be bound hereby.

Customer #1

Name: _____
By: _____
Title: _____
Date: _____

Customer #2

Name: _____
By: _____
Title: _____
Date: _____

Accepted and Agreed to this _____ Day of _____, 20____

SOUTHERN CALIFORNIA GAS COMPANY

Name: _____
By: _____
Title: _____

SDG&E Schedule GN-3



SCHEDULE GN-3

Sheet 2

NATURAL GAS SERVICE FOR CORE NON-RESIDENTIAL CUSTOMERS
(Includes Rates for GN-3, GN-3C, GN-3/GTC and GN-3/GTCA)

RATES (continued)

Volumetric charges, \$ per therm:

	<u>GN-3</u>	<u>GN-3C</u>	<u>GTC/GTCA</u> ²
Procurement Charge (0 to 1,000)	\$0.33065 I	\$0.28597	N/A
<u>Transportation Charge</u>	<u>\$0.42354</u>	<u>\$0.42354</u>	<u>\$0.42354</u>
Total Charge	\$0.75419 I	\$0.70951	\$0.42354
Procurement Charge (1,001 to 21,000)	\$0.33065 I	\$0.28597	N/A
<u>Transportation Charge</u>	<u>\$0.25637</u>	<u>\$0.25637</u>	<u>\$0.25637</u>
Total Charge	\$0.58702 I	\$0.54234	\$0.25637
Procurement Charge (Over 21,000)	\$0.33065 I	\$0.28597	N/A
<u>Transportation Charge</u>	<u>\$0.20915</u>	<u>\$0.20915</u>	<u>\$0.20915</u>
Total Charge	\$0.53980 I	\$0.49512	\$0.20915

² The rates for core transportation-only customers, with the exception of customers taking service under Schedule GT-NGV, include any FERC Settlement Proceeds Memorandum Account (FSPMA) credit adjustments.

Standby Service Fee for GTC/GTCA Customers

Per decatherm \$10

This fee shall be assessed to customers only during curtailments of transportation services to ~~firm~~ noncore customers. This fee will apply only to the difference between the customer's nominations and their confirmed deliveries.

The customer's storage volumes, if available, may be used to offset the standby service fee. Revenues collected from this fee shall be credited to the Utility's Non-Margin Fixed Cost Account (NMFCA). Curtailments of standby services provided to core customers are described in Rule 14.

GTC/GTCA customers who receive service under this schedule shall also be eligible for standby services ahead of such services offered to noncore customers, including core subscription customers.

Billing adjustments may be necessary to reflect changes in volumes used in developing prior periods' transportation charges.

(Continued)

SDG&E Schedule GTNC



SCHEDULE GTNC

Sheet 1

NATURAL GAS INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL NONCORE CUSTOMERS

APPLICABILITY

Applicable to natural gas service classified as:

- ~~(1) Firm or interruptible intrastate transportation of natural gas; and~~
- ~~(2) Noncore, excluding cogeneration and UEG, where the average monthly use equals or exceeds 20,800 therms through a single meter and the customer has elected the noncore service classification. Customers with average monthly usage below 20,800 therms who receive service on this schedule may retain their noncore eligibility.~~

Service under this schedule must be taken in conjunction with service under Schedule GP-SUR.

Service under this schedule is not available for customers that receive Transmission Level Service, as defined in Rule 1.

TERRITORY

Applicable throughout the utility's service territory.

RATES

	<u>Units</u>	
<u>CUSTOMER CHARGES</u>	\$ per meter per month	\$350.00
<u>VOLUMETRIC CHARGES</u>	\$/therm	\$0.04568

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(Continued)



SCHEDULE GTNC

Sheet 2

NATURAL GAS INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL NONCORE CUSTOMERS

RATES (continued)

Other Charges

Billing adjustments may be necessary to reflect changes in volumes used in developing prior periods' transportation charges.

~~The charges for service under this schedule are the same for customers electing either firm or interruptible service.~~

The minimum monthly charge for customers will be the customer charge.

Add any applicable taxes, fees, regulatory surcharges, or additional transportation charges imposed on the utility as a result of gas transportation under this schedule.

The number of therms will be determined in accordance with the provisions of Rule 2.

California Air Resources Board (CARB) Fee Credit.....(\$0.00041)/therm

The CARB Fee Credit is applicable to Commercial/Industrial, Enhanced Oil Recovery and Electric Generation customers who are identified by CARB as being billed directly for CARB administrative fees.

Franchise Fee Differential

A Franchise Fee Differential of 1.03% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)



SCHEDULE GTNC

Sheet 3

NATURAL GAS INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL NONCORE CUSTOMERS

SPECIAL CONDITIONS

1. Definitions. The definitions of principal terms used in this schedule are found either herein or in Rule 1, Definitions.
2. Gas Transportation Rules. Customers who qualify for service under this schedule are eligible for a number of transportation service options available to noncore customers. Customers receiving service under this schedule or the other transportation service schedules are subject to the terms and conditions established in Rule 25, Gas Transportation Rules for Noncore Customers.
3. Gas Curtailment Rules. Customers receiving service under this schedule are subject to gas curtailment procedures and penalties as described in Rule 14.
4. Gas Service. Service under this schedule provides for the transportation of gas supplies across the SoCalGas and SDG&E pipeline systems to the customer's end-use meter excluding, if applicable, backbone transportation service. Backbone transportation service can be obtained directly under SoCalGas' Schedule G-BTS.
- ~~5. Firm or Interruptible Service. Customers who receive service under this schedule must choose either firm or interruptible transportation services. Customers may split their volumes between firm and interruptible services. Certain elements of the charges for interruptible transportation may be negotiable. See Rule 25 for a full description of the terms and conditions for firm and interruptible services.~~

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3C0
Advice Ltr. No. 2037-G
Decision No. 11-04-032

Issued by
Lee Schavrien
Senior Vice President
Regulatory Affairs

Date Filed May 23, 2011
Effective Oct 1, 2011
Resolution No. _____



SCHEDULE GTNC

Sheet 4

**NATURAL GAS INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL NONCORE CUSTOMERS**

SPECIAL CONDITIONS (Continued)

56. ~~Term of Service. Customers electing firm service under this schedule will be obligated to a minimum two-year term of service.~~ Customers electing interruptible service under this schedule will be obligated to a minimum one-month term of service. All customers electing service under this schedule will be required to sign a Request for Retail Noncore Gas Services (Form 142-1259). Further details are provided in Rule 25.

67. Core Service Option: Subsequent to the implementation of D.02-08-065, all current noncore customers, except electric generation, refinery, and enhanced oil recovery customers using in excess of 250,000 therms per year, as defined in Schedule GPC, will be provided 90 days to exercise a one-time option to terminate their current contract in order to elect core service.

78. Average Demand. Average demand is the customer's average monthly usage, measured in therms, during the current and prior 11 monthly billing periods.

89. Customer Charge. At the utility's discretion, multiple meters located at a customer's premises, as defined in Rule 1, may be aggregated and billed as one meter for the purpose of applying the customer charge. Where service is rendered under multiple tariff schedules, the applicable customer charge will be the highest customer charge among these schedules and will apply to total metered usage at the customer's premises. Otherwise, separate customer charges may be applicable for service under each schedule.

~~**10.** Effective Date of Special Conditions. Special Conditions 12 through 18 are effective on and after May 1, 2003.~~

~~**11.** Firm Service Usage. The firm service usage shall be determined on a monthly basis to be equal to the customer's total consumption not to exceed their Monthly Contract Quantity (MCQ). For customers bidding hourly, the MCQ shall be equivalent to the summation of Hourly Contract Quantities (HCQ) for the month.~~

~~**12.** Firm Service Use Or Pay Charges. If during any billing period, the customer's Firm Service Usage is less than 75% of customer's Firm Noncore MCQ, the customer shall pay a Use or Pay charge equal to 80% of the Volumetric Charges multiplied by the difference between 75% of the customer's MCQ and the customer's Firm Service Usage. The Firm Service Use or Pay Charges shall be forgiven when the customer's reduced gas consumption is due to firm curtailments or firm service interruptions imposed by the utility.~~

~~**13.** Interruptible Service Usage. The Interruptible Service Usage shall be the customer's total noncore consumption less their Firm Service Usage.~~

(Continued)

4C0
Advice Ltr. No. 1980-G
Decision No. _____

Issued by
Lee Schavrien
Senior Vice President
Regulatory Affairs

Date Filed Oct 15, 2010
Effective Nov 14, 2010
Resolution No. _____

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SCHEDULE GTNC

Sheet 5

NATURAL GAS INTRASTATE TRANSPORTATION SERVICE
FOR DISTRIBUTION LEVEL NONCORE CUSTOMERS

SPECIAL CONDITIONS (Continued)

- ~~14. Limitation of Availability of Firm Service. In the event that all of the load in a customer's request for firm service, submitted in response to an open season that closes after January 1, 2003, cannot be met by the utility, the utility shall allocate available capacity pro rata: first to existing customers based on their most recent 12-month demand; and second equally across all incremental load of existing customers and new customers. The utility will notify the customer when there is a change in the amount of their load that can be served at the Firm Level of Service.~~
- ~~15. Firm Level of Service. The utility shall plan its system to provide transportation adequate to avoid curtailments of firm service more frequently than one episode in 10 years, based on historical weather conditions. Should there be any physical malfunction of equipment or extreme weather conditions the customer should anticipate the potential for additional curtailments.~~
- ~~16. Firm Service Interruption Credit. In the event of a curtailment, a \$0.25 per therm credit may be applied to a customer's bill for applicable qualifying service interruptions as described in Rule 14.~~
- ~~17. Pre paid Deposit for Construction. A potential customer may obtain a Pre paid Deposit for Construction letter from the utility based on the following: (1) the customer provides the utility with a written indication of interest in firm service and the specific levels per month, (2) the utility determines that a system expansion is needed to serve the potential customer's firm service load, and (3) the customer pre-pays the utility an amount equal to 20% of the cost of the utility's estimated pre-construction activities. Any pre-paid amounts shall be refunded to the customer if the customer commences service within 90 days of the date indicated in their written indication of interest letter and with a request for firm service equal to the levels originally requested. The utility may seek Commission approval to make any commitment to expand its system based on requests made in conformance with this Special Condition.~~

IMPLEMENTATION OF D.09-11-006

- ~~18. Effective February 1, 2010, Transmission Level Service customers served under this schedule shall receive service under Schedule TLS.~~

SDG&E Schedule EG



SCHEDULE EG

Sheet 1

NATURAL GAS INTRASTATE DISTRIBUTION LEVEL TRANSPORTATION SERVICE
FOR ELECTRIC GENERATION CUSTOMERS

APPLICABILITY

Applicable to natural gas service classified ~~as firm or interruptible~~ intrastate transportation of natural gas for customers who are classified as electric generation plants or Cogeneration, whose facilities meet the efficiency standards specified in Section 218.5(a) and (b) of the California Public Utilities Code. Service under this schedule must be taken in conjunction with service under Schedule GP-SUR.

Service under this schedule is not available for customers that receive Transmission Level Service, as defined in Rule 1.

TERRITORY

Applicable throughout the utility's service territory.

RATES

Firm

Interruptible

Group A

For customers using less than 3 million therms per year

Customer charges, \$ per meter per month	\$50	\$50
Volumetric charges, \$ per therm	\$0.10478	\$0.10478

Group B

For customers using 3 million therms or more per year

Volumetric charges, \$ per therm	\$0.03567	\$0.03567
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The applicable Schedule EG transportation charges shall be determined on the basis of the customer's Schedule EG usage for the most recent twelve-month period. For customers with less than twelve months of historical usage, the transportation charges shall be determined on a pro rata basis using the months for which usage is available.

For customers who have both electric generation and non-electric generation end use volumes measured through a single meter, the amount of gas billed at the EG rates are specified in the anti-gaming provisions listed in the Special Conditions.

Rates may be adjusted to reflect any applicable taxes, franchise or other fees, regulatory surcharges, and interstate or intrastate pipeline charges that may occur.

The minimum monthly charge will be the applicable customer charge.

The number of therms will be determined in accordance with the provisions of Rule 2.

California Air Resources Board (CARB) Fee Credit.....(\$0.00041)/therm

The CARB Fee Credit is applicable to Commercial/Industrial, Enhanced Oil Recovery and Electric Generation customers who are identified by CARB as being billed directly for CARB administrative fees.

Franchise Fee Differential

A Franchise Fee Differential of 1.03% will be applied to the monthly billings calculated under this schedule for all customers within the corporate limits of the City of San Diego. Such Franchise Fee Differential shall be so indicated and added as a separate item to bills rendered to such customers.

(Continued)



SCHEDULE EG

Sheet 2

NATURAL GAS INTRASTATE DISTRIBUTION LEVEL TRANSPORTATION SERVICE
FOR ELECTRIC GENERATION CUSTOMERS

SPECIAL CONDITIONS

1. Definitions. The definitions of principal terms used in this schedule are found either herein or in Rule 1, Definitions.
2. Gas Transportation Rules. Customers who qualify for service under this schedule are eligible for a number of transportation service options available to noncore customers. Customers receiving service under this schedule or the other transportation service schedules are subject to the terms and conditions established in Rule 25, Gas Transportation Rules for Noncore Customers.
3. Gas Curtailment Rules. Customers receiving service under this schedule are subject to gas curtailment procedures as described in Rule 14.
4. Gas Service Options. Services rendered under this schedule provide for the transportation of gas supplies across both the SoCalGas and SDG&E pipeline systems to the customer's end-use meter excluding, if applicable, backbone transportation service. Backbone transportation service can be obtained directly under SoCalGas' Schedule G-BTS.
5. Meter Availability. Service offered under this schedule is subject to meter availability.
- ~~6. Firm or Interruptible Service. Customers who receive service under this schedule must choose either firm or interruptible transportation services. Customers may split their volumes between firm and interruptible services. The charges for firm service are not negotiable. Certain elements of the charges for interruptible transportation may be negotiable. See Rule 25 for a full description of the terms and conditions for firm and interruptible services.~~
- ~~67. Term of Service. Customers electing firm service under this schedule will be obligated to a minimum two-year term of service. Customers electing interruptible service under this schedule will be obligated to a minimum one-month term of service. All customers electing service under this schedule will be required to sign a Request for Retail Noncore Gas Services Contract ("Contract") (Form 142-1259). Further details are provided in Rule 25.~~
- ~~78. Core Service Option: Subsequent to the implementation of D.02-08-065, all current noncore customers, except electric generation, refinery, and enhanced oil recovery customers using in excess of 250,000 therms per year, as defined in Schedule GPC, will be provided 90 days to exercise a one-time option to terminate their current contract in order to elect core service.~~
- ~~89. Customer Charge. At the utility's discretion, multiple meters located at a customer's premises, as defined in Rule 1, may be aggregated and billed as one meter for the purpose of applying the customer charge. Where service is rendered under multiple tariff schedules, the applicable customer charge will be the highest customer charge among these schedules and will apply to total metered usage at the customer's premises. Otherwise, separate customer charges may be applicable for service under each schedule.~~
- ~~940. Procurement Option. Customers receiving service under this schedule are required to make arrangements for gas purchases from a supplier other than the Utility.~~

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(Continued)



SCHEDULE EG

Sheet 3

NATURAL GAS INTRASTATE DISTRIBUTION LEVEL TRANSPORTATION SERVICE
FOR ELECTRIC GENERATION CUSTOMERS

SPECIAL CONDITIONS (Continued)

104. Anti-Gaming Provisions.

- a. Subject to paragraph d., the amount of gas to be billed at the electric generation rate for customers having both electric and non-electric generation end use on a single meter will be the lesser of:
 - (1) Total metered throughput; or
 - (2) A volume equal to the customer's recorded power production in kWh multiplied by the average heat rate for their electric generation facilities.
- b. The difference between total meter throughput and the volume limitation specified herein will be charged the rate applicable to the other end use served off the meter. When required, as a condition for service under the electric generation rate, electric generation customers will provide the utility with the average heat rate for electric generation equipment as supported by documentation from the manufacturer. If not available, operating data shall be used to determine customers' average heat rate.
- c. Electric generation customers receiving electric generation service will make available upon request any measurement devices required to directly or indirectly determine the kilowatt hours generated or the average heat rate for the electric generation equipment. The utility will have the right to read, inspect and/or test all such measurement devices during normal business hours. Additional gas and/or steam metering facilities required to separately determine gas usage to which the electric generation rate(s) are applicable may be installed, owned, and operated by the utility at its expense in accordance with normal service rules. However, the utility may, in accordance with paragraph b. above, utilize estimated data to determine such gas usage.
- d. All electric generation customers receiving electric generation service shall be separately metered unless it can be demonstrated that a separate meter is not economically feasible.

~~12. Effective Date of Special Conditions. Special Conditions 13 through 19 are effective on and after May 1, 2003.~~

~~13. Firm Service Usage. The firm service usage shall be determined on a monthly basis to be equal to the customer's total consumption not to exceed their Monthly Contract Quantity (MCQ). For customers bidding hourly, the MCQ shall be equivalent to the summation of Hourly Contract Quantities (HCQ) for the month.~~

~~14. Firm Service Use Or Pay Charges. If during any billing period, the customer's Firm Service Usage is less than 75% of customer's Firm Noncore MCQ, the customer shall pay a Use or Pay charge equal to 80% of the Volumetric Charges multiplied by the difference between 75% of the customer's MCQ and the customer's Firm Service Usage. The Firm Service Use or Pay Charges shall be forgiven when the customer's reduced gas consumption is due to firm curtailments or firm service interruptions imposed by the utility.~~

~~15. Interruptible Service Usage. The Interruptible Service Usage shall be the customer's total noncore consumption less their Firm Service Usage.~~

(Continued)



SCHEDULE EG

Sheet 4

NATURAL GAS INTRASTATE DISTRIBUTION LEVEL TRANSPORTATION SERVICE
FOR ELECTRIC GENERATION CUSTOMERS

SPECIAL CONDITIONS (Continued)

- ~~16. Limitation of Availability of Firm Service. In the event that all of the load in a customer's request for firm service, submitted in response to an Open Season that closes after January 1, 2003, cannot be met by the utility, the utility shall allocate available capacity as described in Rule 25, Section V and W. The utility will notify the customer when there is a change in the amount of their load that can be served at the Firm Level of Service.~~
- ~~17. Firm Level of Service. The utility shall plan its system to provide transportation adequate to avoid curtailments of firm service more frequently than one episode in 10 years, based on historical weather conditions. Should there be any physical malfunction of equipment or extreme weather conditions, the customer should anticipate the potential for additional curtailments.~~
- ~~18. Firm Service Interruption Credit. In the event of a curtailment, a \$0.25 per therm credit may be applied to a customer's bill for applicable qualifying service interruption as described in Rule 14.~~
- ~~19. Pre-paid Deposit for Construction. A potential customer may obtain a Pre-paid Deposit for Construction letter from the utility based on the following: (1) the customer provides the utility with a written indication of interest in firm service and the specific levels per month, (2) the utility determines that a system expansion is needed to serve the potential customer's firm service load, and (3) the customer pre-pays the utility an amount equal to 20% of the cost of the utility's estimated pre-construction activities. Any pre-paid amounts shall be refunded to the customer if the customer commences service within 90 days of the date indicated in their written indication of interest letter and with a request for firm service equal to the levels originally requested. The utility may seek Commission approval to make any commitment to expand its system based on requests made in conformance with this Special Condition.~~

IMPLEMENTATION OF D.09-11-006

- ~~20. Effective February 1, 2010, Transmission Level Service customers served under this schedule shall receive service under Schedule TLS.~~

4C0

Advice Ltr. No. 1909-G

Decision No. 09-11-006

Issued by
Lee Schavrien
Senior Vice President
Regulatory Affairs

Date Filed Dec 8, 2009

Effective Feb 1, 2010

Resolution No. _____

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SDG&E Schedule TLS



SCHEDULE TLS

Sheet 1

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

APPLICABILITY

Applicable to ~~firm intrastate transportation and interruptible~~ intrastate transportation service for transmission level customers. Transmission Level Service is service to (1) noncore customers (noncore commercial/industrial, electric generation, enhanced oil recovery and international), as currently defined in the Utility's tariffs, that are served directly from the Utility's transmission system, (2) noncore electric generation customers who are served directly from the Utility's high pressure distribution system, are located within five miles of the nearest Utility transmission line, and whose average annual usage is equal to or greater than 50 million therms, (3) noncore customers who were previously classified by California Public Utilities Commission (CPUC) decision as transmission service level customers, (4) noncore customers served from a combination of the Utility's transmission and distribution systems on a single premises, (5) wholesale customers, and (6) customers who Bypass Utility service.

Service under this schedule must be taken in conjunction with service under Schedule GP-SUR.

RATE DESIGN OPTIONS

This Schedule consists of two rate design options:

1. Class-Average Volumetric Rate Option
2. Reservation Rate Option.

TERRITORY

Applicable throughout the service territory.

(Continued)

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N
N
N
N



SCHEDULE TLS

Sheet 2

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

RATES

Class-Average Volumetric Rate Option

Transportation Charges (CA)

Rate, per therm

TLS-CI-CA, Commercial/Industrial	\$0.01909	R I
TLS-EG-CA, Electric Generation*	\$0.01502	

* The amount of gas applicable under the electric generation rate is determined in accordance with the provisions stated in Special Condition 16 herein.

Additional Charges

Rates may be adjusted to reflect any applicable taxes, franchise or other fee or regulatory surcharges approved or directed by the CPUC.

Reservation Rate Option

Contract Quantity

Customer will specify a uniform Daily Reservation Quantity (DRQ) for service under this rate option subject to the Utility's approval which will not be unreasonably withheld. For Bypass Customers, the DRQ is subject to Utility's capacity availability. The DRQ shall be reflected in the Transmission Level Service Rate Selection Form (TLS Rate Selection Form) (Form 142-1265). The DRQ may be zero. Metered usage above Customer's DRQ on a daily basis will be subject to a volumetric transportation charge for non-Bypass or Bypass customers, respectively, as specified in Special Conditions 4.a.ii and 4.b.i.

(Continued)



SCHEDULE TLS

Sheet 3

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

RATES (Continued)

Reservation Rate Option (Continued)

Reservation Charge (RC)

Customer will pay monthly reservation charges based on its DRQ.

Daily Reservation Rate

Rate, per therm/per day

TLS-CI-RC, Commercial/Industrial	\$0.00600	R R
TLS-EG-RC, Electric Generation*	\$0.00600	

Usage Charge for RC (RS)

In addition to the Reservation Charge, Customer will pay an RS Usage Charge for gas consumed by Customer up to its DRQ.

Rate, per therm

TLS-CI-RS, Commercial/Industrial	\$0.01101	R I
TLS-EG-RS, Electric Generation*	\$0.00694	

* The amount of gas applicable under the electric generation rate is determined in accordance with the provisions stated in Special Condition ~~156~~ herein.

(Continued)



SCHEDULE TLS

Sheet 4

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

RATES (Continued)

Reservation Rate Option (Continued)

Volumetric Transportation Charges for non-Bypass Customers (NV)

Transportation Charges

In addition to a Reservation Charge and a Usage Charge for gas consumed by Customer up to its DRQ, a non-Bypass customer will pay a volumetric transportation charge for gas consumed by Customer above its DRQ.

Rate, per therm

TLS-CI-NV, Commercial/Industrial	\$0.02129
TLS-EG-NV, Electric Generation*	\$0.01721

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Volumetric Transportation Charges for Bypass Customers (BV)

Transportation Charges

In addition to a Reservation Charge and a Usage Charge for gas consumed by Customer up to its DRQ, a Bypass customer will pay a volumetric transportation charge for gas consumed by Customer above its DRQ.

Rate, per therm

TLS-CI-BV, Commercial/Industrial	\$0.02421
TLS-EG-BV, Electric Generation*	\$0.02013

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* The amount of gas applicable under the electric generation rate is determined in accordance with the provisions stated in Special Condition 156 herein.

(Continued)



SCHEDULE TLS

Sheet 5

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

RATES (Continued)

Reservation Rate Option (Continued)

Additional Charges

Rates may be adjusted to reflect any applicable taxes, franchise or other fees or regulatory surcharges approved or directed by the CPUC.

California Air Resources Board (CARB) Fee Credit.....(\$0.00041)/therm

The CARB Fee Credit is applicable to Commercial/Industrial, Enhanced Oil Recovery and Electric Generation customers who are identified by CARB as being billed directly for CARB administrative fees.

Monthly Minimum Charge

The Monthly Minimum Charge shall apply to a Bypass customer only. The Monthly Minimum Charge shall recover the Utility's actual Customer-related service costs. Customer-related service costs shall be limited to actual operations and maintenance costs of the metering equipment and other related facilities at the Customer's meter(s) that are owned and operated by the Utility necessary to deliver gas in accordance with the Utility's rules and procedures, good industry practice, and governmental regulations. The Utility shall determine actual Customer related service costs for each eligible Customer not later than 30 days following a request by the Customer and shall seek CPUC approval of the resulting Monthly Minimum Charge by Advice Letter. The approved Monthly Minimum Charge for each Customer shall apply only when the charge exceeds the total reservation and volumetric transportation charges for TLS service and shall be applied in lieu of the total reservation and volumetric transportation charges.

SPECIAL CONDITIONS

GENERAL

1. Definitions: The definitions of principal terms used in this schedule are found either herein or in Rule 1, Definitions.
2. Number of Therms: The number of therms to be billed shall be determined in accordance with Rule 2.

(Continued)

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SCHEDULE TLS

Sheet 6

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

3. Bypass Customers: Bypass is defined in Rule 1.

A customer who has Bypassed the Utility may elect to resume tariff service under one of the other non-Bypass rate options under this schedule, as described below, if the following conditions are met: (a) Customer must cease to receive service from an alternate gas supply source or an Alternate Gas Transportation Service Provider and (b) Customer must physically disconnect from the alternate gas supply source or the Alternate Gas Transportation Service Provider.

4. Eligibility for Rate Options:

a. Non-Bypass Customers:

- i. Class-Average Volumetric Rate Option; or
- ii. Reservation Rate Option with RC and NV Charges

b. Bypass Customers:

- i. Reservation Rate Option with RC and BV Charges.

~~5. Level of Service~~

~~— Potentially Capacity Constrained Areas~~

- ~~i. Firm service is provided up to the Customer's awarded firm noncore capacity. Any usage above the firm awarded noncore capacity is considered interruptible for curtailment purposes.~~
- ~~ii. Full Requirements Service, as defined by Rule 1, is not available.~~

56. Multiple Use Customer: Customers may receive service under this schedule (a) separately or (b) in combination with another rate schedule(s). Where service is rendered under (b), a separate monthly customer charge will be applicable for service under each schedule with a customer charge unless otherwise stated.

(Continued)

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SCHEDULE TLS

Sheet 7

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

67. Utility Service Agreement: As a condition precedent to service under this schedule, an executed Request for Retail Noncore Gas Services Contract ("Contract") (Form 142-1259) is required. All contracts, rates and terms and conditions are subject to revision and modification as a result of CPUC order.

~~Except as provided in Special Conditions 25 and 26, i~~n the event a customer has not executed the required Contract by the time service is required, and no alternate schedule is available, it may temporarily receive service, as applicable, under TLS-NV (non-Bypass) or TLS-BV (Bypass). All other tariffs, including, but not limited to, Schedule G-IMB, will continue to apply.

78. Term:

a. The term of service for CA, NV, BV, and RC charges under this schedule shall be a minimum of three year one month.

~~b. The term of service for NV and BV charges under this schedule shall be a minimum of one month.~~

~~e.b.~~ For customers electing the auto-renewal option on the TLS Rate Selection Form or for customers that have defaulted to the auto-renewal option, service will automatically be renewed for an additional three year one month term following the initial term or any subsequent three year one month term unless either party provides a minimum of twenty (20) days prior written notice that service is terminated or replaced by a new Form at the end of such term.

~~d. In the event a Customer does not elect the auto-renewal option on the TLS Rate Selection Form and the Customer does not subsequently request service for an additional three-year term, service will continue to be provided on a month-to-month basis under the NV charge for non-Bypass customers or the BV charge for Bypass customers.~~

~~e. A customer may elect to terminate an existing rate selection and submit a new TLS Rate Selection Form the same or greater DRQ in order to align its term of service with the triennial Backbone Transportation period.~~

(Continued)

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SCHEDULE TLS

Sheet 8

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

9-8. Curtailment/Force Majeure

a-b. In the event of curtailment, customers served hereunder will be curtailed in accordance with Rule 14. Charges for violation of curtailment shall apply as set forth in Rule 14.

b-c. Applicable ~~use or pay charges and~~ RC reservation charges shall only be forgiven to the extent the customer's reduced consumption is specifically due to intrastate curtailment or an event of force majeure, as defined in Rule 1, on either the interstate or intrastate systems.

10-9. Change of Customer's Apparatus or Equipment: In the event customers make a material change, either in the amount or character of their gas appliances or equipment, written notice thereof must be made to the Utility in accordance with Rule 3, Section C., Changes in Load or Operation.

11-10. Conditional Reclassification: Customers who do not meet historical usage criteria for noncore rate classification under this schedule may conditionally qualify for noncore rate status by submitting a written request to the Utility and providing therein certified evidence documenting the customer's load increases which will meet the minimum consumption requirement on a permanent basis. The customer's written request must further acknowledge that if usage following conditional reclassification is less than the required minimum, the customer shall be rebilled in accordance with the rate schedule otherwise applicable to its usage. The Utility reserves the right to accept or reject any such request.

112. Electronic Meter Reading: Customers electing noncore service status must have electronic meter reading equipment installed at Customer's expense as a condition of noncore service.

123. Core Eligibility for TLS: Core customers who are eligible to elect noncore service may be placed on this schedule if they meet the requirements for transmission level service as defined in Rule 1.

134. Transportation and Balancing Rules: All terms and conditions of Rule 30 and Schedule G-IMB shall apply to the transportation of customer-owned gas under this schedule.

(Continued)

8C0

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SCHEDULE TLS

Sheet 9

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

145. Additional Balancing Requirements for Bypass Customers:

- a. As required to implement the special balancing provisions for a Bypass customer, Customer must contract for, and nominate, transportation services separately for any Bypass facility.
- b. Bypass customers are not subject to Schedule G-IMB daily balancing provisions in effect during the months of November through March, but they are subject to year-round daily balancing rules as described below.
- c. Bypass customers will be required to balance transportation deliveries with metered usage to within two imbalance limits each day of the year: 1) the daily imbalance cannot exceed plus or minus five percent ($\pm 5\%$) of that day's metered usage, and 2) the accumulated daily imbalance cannot exceed plus or minus one percent ($\pm 1\%$) of the customer's actual Utility usage in the same month of the prior year. The quantity used to determine the $\pm 1\%$ accumulated daily imbalance limit may be adjusted by the Bypass customer who does not have actual Utility gas usage history or when forecasted future operations differ from historical. Requests for adjustment must be made in writing and submitted to the Utility before the first day of the month in question, preferably no fewer than 10 calendar days before. Utility System Operator will not be required to provide warnings or other notice that the customer is falling outside the prescribed balancing tolerances. The Bypass customer is responsible for tracking its own daily imbalance positions. Charges for noncompliance with these daily balancing limits will be calculated as the sum of the following:

(Continued)

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SCHEDULE TLS

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

145. Additional Balancing Requirements for Bypass Customers: (Continued)

c. (Continued)

- i. A noncompliance charge equal to \$0.10 per therm per day for each day when the daily imbalance exceeds $\pm 5\%$ of the daily metered or determined usage. For each Operational Flow Order ("OFO") event day on which a customer exceeds its daily imbalance limit in a direction opposite to that of the event situation, there will be no noncompliance charge. For example, during an OFO due to over-nomination, a balancing entity with a negative daily imbalance exceeding -5% would not receive a noncompliance charge for this situation.
- ii. A noncompliance charge equal to \$0.10 per therm per day for each day when the accumulated daily imbalance exceeds the $\pm 1\%$ limit stated above. Accumulated daily imbalance charges will be assessed regardless of OFO events.
- d. The Utility will calculate daily imbalances after the calendar month for each balancing entity after processing the applicable meter data.
- e. Monthly accumulated daily imbalance trading is allowed for remaining prior month-end accumulated daily imbalances. Any accumulated daily imbalances remaining after the trading period that are in excess of $\pm 1\%$ of the prior months metered usage will be billed at the G-IMB Standby Procurement Charge or purchased by the Utility at the G-IMB Buy Back Rate. Any carry forward amount will set the beginning accumulated daily imbalance quantity.

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SCHEDULE TLS

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

ELECTRIC GENERATION

156. Amount of Gas Billed: Subject to Special Condition **178**, the amount of gas to be billed at the electric generation rate for customers having both electric generation and non-electric generation end use on a single meter will be the lesser of:

- a. Total metered throughput; or
- b. An amount of gas volume equal to the customer's recorded power production in kilowatt-hours (kWh) multiplied by the average heat rate for their electric generation facilities. The difference between total meter throughput and the volume limitation specified herein will be charged the rate applicable to the other end use served off the meter.

When required, as a condition of service under the electric generation rate, electric generation customers will provide the Utility with the average heat rate for electric generation equipment as supported by documentation from the manufacturer. If not available, operating data shall be used to determine customer's average heat rate.

167. Measurement Devices: Electric generation customers receiving electric generation service will make available upon request any measurement devices required to directly or indirectly determine the kilowatt-hours generated or the average heat rate for the electric generation equipment. The Utility shall have the right to read, inspect and/or test all such measurement devices during normal business hours. Additional gas and/or steam metering facilities required to separately determine gas usage to which the electric generation rate is applicable may be installed, owned and operated by the Utility in accordance with normal service rules, however, the Utility may, in accordance with SC **156** above, utilize estimated data to determine such gas usage.

178. Separate Metering: All electric generation customers receiving service at the electric generation transportation rate shall be separately metered unless it can be demonstrated that a separate meter is not economically feasible.

(Continued)

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SCHEDULE TLS

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

ELECTRIC GENERATION (Continued)

189. Cogeneration facilities with standby boilers will be treated as one customer for purposes of assessing customer charges, provided the customer has signed an affidavit (Form 143-1659) to the effect that its boiler system only operates when the cogeneration system is not operating.

COMMERCIAL/INDUSTRIAL

1920. Multiple Meters: For commercial and industrial customers served under this schedule through multiple meters on a single premise, as defined in Rule 1, the Utility shall combine all such meters, excluding meters serving electric generation equipment, for billing purposes in accordance with the provisions of Rule 17.B.

NEGOTIABLE TRANSPORTATION CHARGES

204. By mutual agreement, the Utility and the customer may negotiate intrastate transportation charges for a term of service of less than five years without CPUC approval. Any such negotiated transportation charges shall be set forth in the customer's service contract. All such service contracts must be submitted by letter to the CPUC and made available for public inspection. No other charges under this schedule shall be negotiable unless CPUC approval is first obtained.

212. The Utility may negotiate discounted contracts for a service term of five years or longer with customers served under this schedule. Such contracts must be filed for prior CPUC approval.

FIRM NONCORE SERVICE IN POTENTIALLY CAPACITY CONSTRAINED AREAS

223. Terms of Service: Unless otherwise specified herein, customers receiving service under this schedule are subject to the terms and conditions set forth in Rule 25, Gas Transportation Rules for Noncore Customers.

~~24. Term of Awarded Firm Noncore Capacity: If the term under the Customer's rate option is shorter than the term for firm noncore capacity awarded in a constrained area open season, then the customer's open season award shall carry over to its subsequent rate option contract. If the term under the Customer's rate option is longer than the term for firm noncore capacity awarded in a constrained area open season, then the customer's rate option commitments will apply and may not be reduced in a subsequent open season.~~

(Continued)

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SCHEDULE TLS

Sheet 13

INTRASTATE TRANSPORTATION SERVICE
FOR TRANSMISSION LEVEL CUSTOMERS

SPECIAL CONDITIONS (Continued)

IMPLEMENTATION OF D.09-11-006

~~25. Customer must complete and submit a TLS Rate Selection Form by 11:59 p.m. Pacific Clock Time (PCT) on February 28, 2010 to elect its TLS rate options starting effective February 1, 2010.~~

~~26. If Customer does not submit a TLS Rate Selection Form by 11:59 p.m. PCT on February 28, 2010, then the Utility shall implement the applicable default rate by adjusting Customer's then in-effect rate, as detailed below:~~

~~a. If Customer qualifies for service under the CA Volumetric Rate Option, the Utility shall adjust Customer's rate to reflect the appropriate TLS-CA rate for a three-year, auto-renewal term effective February 1, 2010. Customer's rate will automatically be renewed for an additional three-year term following the initial term or any subsequent three-year term unless either party provides a minimum of twenty (20) days prior written notice to terminate service or Customer elects a different applicable rate option at the end of such term.~~

~~b. If Customer does not qualify for service under the CA Volumetric Rate Option, the Utility shall adjust the Customer's rate to reflect TLS-NV or TLS-BV, as applicable, for a month-to-month term, effective February 1, 2010.~~

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SDG&E Form 142-1259



REQUEST FOR RETAIL NONCORE GAS TRANSPORTATION SERVICE CONTRACTS

(Separate request required for each qualified gas meter account)

Effective Date	Customer/Company (Applicant) Name
Service Address	SDG&E Account Number
Taxpayer ID Number	Gas Meter Number
Primary Gas Curtailment Contact	Alternate Gas Curtailment Contact
Primary Contact Phone Number - Business Hours	Alternate Contact Phone Number – Business Hours
Primary Contact Phone Number - After Hours	Alternate Contact Phone Number- After Hours
Primary Contact E-Mail Address	Alternate Contact E-Mail Address
Service Address FAX Number	Curtailment ID Number

Applicant (Customer) hereby requests that ~~the attached~~ gas services be provided at the above-identified point of service under the terms and conditions stated in the applicable SDG&E Rate Schedule(s), along with the appropriate SDG&E Rules, which are incorporated by reference, and the ~~attached~~ terms and conditions of service.

RATES AND GENERALLY APPLICABLE TARIFF SCHEDULES AND RULES

The effective rate(s) to be charged for all natural gas services under this agreement are specified in the appropriate California Public Utilities Commission-approved Tariff(s) identified herein, and their successor Tariffs that become effective during the term of this agreement.

All applicable Tariffs are incorporated in this agreement, including, but not limited to Rules 4 and 6.

Select the applicable noncore transportation service or core service option.

Request for Distribution Level Noncore Transportation Service

Schedule GTNC -- Noncore distribution level Commercial & Industrial (C&I) service



REQUEST FOR RETAIL NONCORE GAS TRANSPORTATION SERVICE CONTRACTS

(Separate request required for each qualified gas meter account)

Schedule EG -- Noncore distribution level Electric Generation (EG) service (please complete Electric Generation Service section below)

Request for Transmission Level Noncore Transportation Service (Schedule TLS)

Schedule TLS consists of two rate design options:

1. Class-Average Volumetric Rate Option
2. Reservation Rate Option.

Select your TLS (Transmission Level Service) Rate Option:

- 1. Schedule TLS -- Transmission level service Class-Average Volumetric Rate Option
 - TLS-CI-CA, Commercial/Industrial
 - Auto-Renewal
 - TLS-EG-CA, Electric Generation (please complete Electric Generation Service section below)
 - Auto-Renewal
- 2. Schedule TLS -- Transmission level service Reservation Rate Option

Customer's Daily Reservation Quantity (DRQ) election _____ (in therms).

 - TLS-CI-RC, Commercial/Industrial
 - Auto-Renewal
 - TLS-EG-RC, Electric Generation (please complete Electric Generation Service section below)
 - Auto-Renewal

~~**[1] REQUEST FOR CORE CLASSIFICATION SERVICE -**~~

~~**Core Service is NOT APPLICABLE TO:**~~

~~**ELECTRIC GENERATION (EG) CUSTOMERS WHOSE GENERATION GENERATORS IS RATED WITH A CAPACITY IN EXCESS OF IS GREATER THAN 1 MEGAWATT.**~~

~~**EG CUSTOMERS, REFINERY CUSTOMERS, AND ENHANCED OIL RECOVERY CUSTOMERS, USING WITH USAGE IN EXCESS OF GREATER THAN 250,000 THERMS PER YEAR**~~

~~No, Skip to item [3]; OR~~

~~Yes, Select either A, B, or C skip to the end, sign and STOP, you're done.~~

- ~~A. Bundled Core Bundled Services under on~~ Schedule GN-3;
- ~~B. Core Transportation-Only Service on~~ Schedule GN-3/GTCA
- ~~C. Core Transportation-Only Service on~~ Schedule GN-3/GTC (this will require a separate Core Transportation-Only agreement ~~(Form 142-1859).~~

~~**[2] NONCORE METER SERVICE PRESSURE (Utility Use Only)**~~



REQUEST FOR RETAIL NONCORE GAS TRANSPORTATION SERVICE CONTRACTS

(Separate request required for each qualified gas meter/account)

- ~~Distribution Level Service~~
- ~~Transmission Level Service~~
- _____

{3} ELECTRIC GENERATION SERVICE (non-Electric-Generation customers please skip to item {4})

- Meter **only** serves electric generation loads; 100% of gas billed under Schedule EG, Schedule TLS EG rate; OR
- Meter serves **both** electric generation and other gas loads:
 - Usage calculated for billing under Schedule EG or Schedule TLS is based on a heat rate of _____ Btu per kWh; AND
 - A. Excess Gas billed under the applicable Commercial/Industrial TLS or distribution level noncore rate; OR
 - B. Excess Gas billed under Core Schedule.

{4} GAS SUPPLIER INFORMATION

Gas Supplier Information:

Gas Supplier Name: _____

~~Gas Supplier Address: _____~~

Contact Name: _____

Contact E-Mail Address: _____

Phone # _____

~~Fax # _____~~

- Gas Supplier is a Contracted Marketer
- Gas Supplier is an Agent

If Gas Supplier is an Agent, I authorize the Gas Supplier to:

- ~~{a}~~ To access Customer's meter usage.
- ~~{b}~~ To nominate on Customer's behalf.



REQUEST FOR RETAIL NONCORE GAS TRANSPORTATION SERVICE CONTRACTS

(Separate request required for each qualified gas meter account)

~~{e} To m~~Make imbalance trades on Customer's behalf.

~~{5} ADDITIONAL TERMS AND CONDITIONS OF SERVICE~~

Utility and Customer agree to the following terms and conditions applicable hereto:

1. Effective Date and Term. Effective Date will be determined based upon execution of this contract by SDG&E (Utility). All natural gas transported under the terms and conditions of this contract shall additionally be subject to all applicable tariffs approved by the California Public Utilities Commission. The term of service under the applicable noncore transportation rate schedule shall be a minimum of one month.

4. In the event customers are unable to execute the necessary contract by the time service is required, and no alternate schedule is available, they may temporarily receive transportation service under this schedule. Customers receiving temporary service without executed contracts will not be able to: (a) take advantage of Contracted Marketer services, (b) designate Agents to nominate on their behalf, (c) avail themselves of other services which require executed contracts, or (d) group separate facilities for nomination purposes, and instead must nominate separately for the non-contracted facility. All other tariffs and Rules, including, but not limited to, Schedule G-IMB, will apply to customers without executed contracts.

2. Use or Pay Aggregation. A customer may aggregate firm usage at multiple facilities for the purpose of determining Use or Pay Charges. If customer aggregates firm usage with different rates, Use or Pay charges shall be based on the highest transportation charge. The following list contains the SDG&E account numbers that are to be aggregated for Use or Pay purposes:

2. Rate Selection for Transmission Level Customers. Subject to the terms and conditions set forth in the applicable tariffs, including, but not limited to Schedule TLS. Transmission level customers shall receive service under the applicable rate set forth in Schedule TLS. Schedule TLS rate selection ~~must can~~ be submitted to SDG&E by means of a signed and completed Noncore Transportation Service Contract. Customers with a current and effective Noncore Transportation Service Contract can submit their Schedule TLS rate selection in the Transmission Level Service Rate Selection Form (Form 142-1265).

The Transmission Level Service Rate Selection will auto-renew monthly unless Customer provides a new Noncore Transportation Services Contract and/or Transmission Level Service Rate Selection Form no later than 20 days prior to the first calendar day of the month that customer wants rate option to commence. Transmission Level Service Rate Selection Form.

~~REQUEST FOR RETAIL~~ **NONCORE GAS TRANSPORTATION SERVICE CONTRACTS**

(Separate request required for each qualified gas meter account)

- ~~3. **Monthly Contract Quantity (“MCQ”).** The quantities awarded each month under the specified sequence and applicable Rate Schedule.~~
- ~~4. **Hourly Contract Quantity (“HCQ”).** The quantities awarded each hour under the specified sequence and applicable Rate Schedule. The summation of the HCQ for the month is the MCQ.~~
- ~~5. **Submission of Bids Containing both Hourly and Monthly Quantities.** For any given month, customers shall bid for either hourly or monthly quantities, but not both.~~
- ~~6. **Bidding Core and Noncore Rates.** If both Core and Noncore rates are required, the Core rates must be entered in Sequence 1 before any Noncore Sequence.~~

- ~~7. **Last Sequence.** In all bids, the last sequence will be Noncore Interruptible with an MCQ of at least 1 therm. This will allow the customer to receive more quantities of gas than Core or Firm Noncore MCQ specifies, provided the system is delivering Interruptible Service at the time. If the last Sequence is not submitted as Interruptible Noncore service, an additional Sequence will automatically be added for a MCQ of 1 therm.~~

- ~~8. **Use or Pay.**~~
 - ~~a. **Distribution Level Customers.** Use or Pay charges will be calculated as follows: If during any billing period, the customer’s Firm Noncore usage is less than 75% of customer’s Firm Noncore MCQ, the customer will be assessed Use or Pay charges equal to 80% of the Volumetric Charges multiplied by the difference between 75% of the customer’s Firm Noncore MCQ and the customer’s Firm Noncore usage. Use or pay charges shall be based on the customer’s highest transportation rate schedule.~~
 - ~~b. **Transmission Level Customers.** If during any billing period, a Transmission Level Customer’s firm noncore usage is less than 75% of its MCQ (use or pay obligation), Customer will be assessed use or pay charges. The use or pay charges will be equal to 80% of the CA or NV rate, as applicable, multiplied by the difference between a) Customer’s use or pay obligation minus its Daily Reservation Quantity (DRQ) summed over the month and b) Customer’s firm noncore usage above the DRQ summed over the month, provided that use or pay charges shall not be less than zero (0).~~

- ~~9. **Firm Usage.** Are those volumes transported on a firm basis and are limited monthly to the stated Firm Monthly Contract Quantity. Usage exceeding the Firm MCQs for the month is delivered on an interruptible basis.~~

- ~~10.3. **Curtailment.** Utility shall curtail service in accordance with its Rules and Rate Schedules, including but not limited to Rule 14. Penalties for violation of curtailment order shall apply as set forth in Rule 14.~~
- ~~4. **Authorized Curtailment Quantity.** In the event of an interruptible service curtailment, the maximum hourly quantity (in therms) a customer is entitled to use is equal to the Core MCQ for the month divided by operating days, as specified for that sequence, divided by 24 hours. In addition, the customer would be authorized to use either: (a) the Firm Noncore MCQ for the month divided by operating days, as specified for that sequence, divided by 24 hours; or (b) the awarded HCQ for the specific hour. **Maximum Authorized Usage.** The maximum quantity (in therms) the customer is entitled to use during a gas curtailment. In the event that daily usage data is not available, the recorded monthly volumes delivered to the customer shall be~~



REQUEST FOR RETAIL NONCORE GAS TRANSPORTATION SERVICE CONTRACTS

(Separate request required for each qualified gas meter account)

~~assumed to have been delivered at a constant rate over the customer's regular days of operations during the month; and, at a constant rate over a 24-hour period of each of the customer's regular days of operations during the month.~~

5. Noncore Transportation Service Customer Contact Information.

~~In order to notify noncore customers of gas curtailments, the customer must provide and maintain accurate primary and alternate day/night contact phone numbers and contact names who will be responsible for responding to the utility's notice to curtail gas services. The inability of the utility to notify a noncore gas customer of curtailment due to having out-dated and/or incorrect phone numbers and contact names, will result in the customer being changed to core status for the next 12-month period.~~

~~11.~~

~~12. **Curtailment violation charges.** Curtailment violation charges will apply hourly for any quantities consumed that exceed those authorized by hour at the following charges:~~

~~_____ \$1 _____ per _____ therm _____ for _____ hours _____ 1 _____ through _____ 5;
_____ \$3 _____ per _____ therm _____ for _____ hours _____ 6 _____ through _____ 8; _____ and
_____ \$10 per therm for each hour after hour 8 through the end of the curtailment event.~~

~~In the event that daily usage data is not available, the recorded monthly volumes delivered to the customer shall be assumed to have been delivered at a constant rate over the customer's regular days of operations during the month; and, at a constant rate over a 24-hour period of each of the customer's regular days of operations during the month.~~

~~13. **Early Termination.** In the event of early termination, customer will pay the Utility an amount equal to the use or pay charges for the remainder of the contract period.~~

~~14. **Contractual Bid.** By executing this agreement, customer agrees to these contractual terms and conditions, including the MCQs and HCQs customer is awarded by SDG&E at the end of the open season.~~

~~15. **6. California Public Utilities Commission (CPUC) Provision.** This contract shall at all times be subject to such changes or modifications by the Public Utilities Commission of the State of California, as said Commission may, from time to time, direct in the exercise of its jurisdiction.~~

~~16. **Awarding of Capacity.** For any period where the firm bids exceed available firm capacity, all bids that exceed the customer's historic usage will be reduced to historic usage. Historic usage will be equal to the customer's peak day usage for that month within the most recent 12 months multiplied by the calendar days of that month. Historic hourly usage will be equal to the customer's peak day usage for that month with in the most recent 12 months divided by 24. If available firm capacity remains over subscribed, the Utility shall allocate available firm capacity on a pro rata basis. If available firm capacity is not over subscribed, in addition to historic usage quantities, quantities in excess of the customer's historic usage and quantities submitted by new customers will be awarded on a pro rata basis.~~

~~17. **Hourly Allocation of Bids when Oversubscribed.** In the event that only certain hours are oversubscribed, then monthly bids will be converted to an hourly basis by dividing by operating days in the month and then by 24 hours; the "converted hourly bid" will be pro-rated along with hourly bids for the oversubscribed hour(s); and then converted back into a monthly award by multiplying the pro-rated hour amount by 24 hours then multiplied by the operating days in the month.~~

~~18. **Right of Refusal.** Utility reserves the right to reject any bid. Once rejected, Utility shall~~



~~REQUEST FOR RETAIL~~ **NONCORE GAS TRANSPORTATION
SERVICE CONTRACTS**

(Separate request required for each qualified gas meteraccount)

~~notify customer as to reason for such rejection. Customer may re-submit a bid, provided that firm quantities have not yet been awarded to participants in the open season.~~

~~19.7. **Gas Transportation Service.** Services provided hereunder include the transportation of gas supplies across the SoCalGas and SDG&E pipeline systems to the customer's end-use meter excluding backbone transportation service. Backbone transportation service can be obtained directly under SoCalGas' Schedule G-BTS.~~

SDG&E Form 142-1265



TRANSMISSION LEVEL SERVICE RATE SELECTION FORM
SCHEDULE TLS

Form with fields: Effective Date, Customer Name, Service Address, City, State, Zip, SDG&E Account Number

In accordance with SDG&E's California Public Utilities Commission (CPUC)-approved tariffs, Schedule TLS is the natural gas transportation rate applicable to Transmission Level customers, as defined in Schedule TLS. Pursuant to the terms and conditions set forth in Schedule TLS, customers may select from one of the Schedule TLS rate options listed below.

In order to select a specific rate option under Schedule TLS, customers are required to submit this signed and completed form to SDG&E. Schedule TLS rate selection may be submitted to SDG&E by means of a signed and completed Noncore Transportation Service Contract. Customers with a current and effective Noncore Transportation Service Contract may submit a Transmission Level Service Rate Selection Form indicating their TLS rate selection.

The Transmission Level Service Rate Selection term of service is a minimum of one month from the effective date of Contract. The Transmission Level Service Rate Selection will auto-renew monthly unless Customer provides a new Noncore Transportation Services Contract and/or Transmission Level Service Rate Selection Form no later than 20 days prior to the first calendar day of the month that customer wants rate option to commence.

SCHEDULE TLS RATE SELECTION:

Class-Average Volumetric Rate Option

- TLS-CI-CA, Commercial/Industrial
Auto-Renewal
TLS-EG-CA, Electric Generation (please complete Electric Generation Service section below)
Auto-Renewal

The term for the Class-Average Volumetric Rate Option is three years from the effective date. Rate elections for customers choosing the auto-renewal option will be automatically renewed for an additional three-year term following the initial term or



TRANSMISSION LEVEL SERVICE RATE SELECTION FORM
SCHEDULE TLS

~~any subsequent three-year term unless either party provides a minimum of twenty (20) days prior written notice that service is terminated or replaced by a new Form at the end of such term.~~

Reservation Rate Option

Customer's Daily Reservation Quantity (DRQ) election _____ (in therms).

- TLS-CI-RC, Commercial/Industrial
- Auto-Renewal
- TLS-EG-RC, Electric Generation ([please complete Electric Generation Service section below](#))
- Auto-Renewal

~~The term for the Reservation Rate Option is three years from the effective date. Rate elections for customers choosing the auto-renewal option will be automatically renewed for an additional three-year term following the initial term or any subsequent three-year term unless either party provides a minimum of twenty (20) days prior written notice that service is terminated or replaced by a new Form at the end of such term.~~

Customers selecting the Reservation Rate Option are required to select one of the following designations:

- Non-Bypass Customer
- Bypass Customer (Bypass is defined in SDG&E's Gas Rule 1, Definitions)

Usage up to a customer's DRQ will be billed under the Usage Charge for RC as specified in the Rates section of Schedule TLS.

Usage in excess of a customer's DRQ will be billed under the NV (for a Non-Bypass customer) or BV (for a Bypass customer) volumetric transportation charge as specified in the Rates section of Schedule TLS.

ELECTRIC GENERATION SERVICE

Where a meter serves electric generation and other gas loads, the split between the Electric Generation (EG) and Commercial and Industrial (CI) rates shall be determined and billed based on the methodology set forth below:

Form 142-1265

([12/200906/2015](#))



TRANSMISSION LEVEL SERVICE RATE SELECTION FORM
SCHEDULE TLS

- Meter **only** serves electric generation loads, OR
- Meter serves **both** electric generation and other gas loads:
EG usage shall be calculated based on a heat rate of _____ Btu per kWh;

AND

- A.** Excess Gas billed under the applicable Commercial/Industrial TLS rate, OR
- B.** Excess Gas billed under Core Schedule.

Under the terms and conditions set forth in Schedule TLS, customer hereby requests to be billed under the rate selection(s) specified above.

The effective rate(s) to be charged for all natural gas services are specified in the appropriate CPUC-approved Tariff(s) identified herein, and their successor Tariffs that become effective during the term of service set forth herein. All applicable Tariffs are incorporated herein, including, but not limited to Gas Rules 4 and 6.

On Behalf of Customer

_____ Signature	_____ Date of Signature
_____ Typed or Printed Name	_____ Title

Please mail completed and signed form(s) to:

San Diego Gas & Electric
Attn: Commercial & Industrial Services – Customer Choice
8306 Century Park Ct., CP42K
San Diego, CA 92123

SDG&E Form 142-2010

CONSTRAINED AREA
FIRM CAPACITY CURTAILMENT TRADING AGREEMENT

3. This Agreement shall not become effective unless and until the date on which it is executed by Utility. Each calendar day on which a Trade occurs shall constitute a Trading Day. The Trade(s) shall commence on the first Trading Day. This Agreement shall continue in full force and effect through 11:59 p.m. on the last Trading Day set forth in the Request, unless terminated earlier by Utility in accordance with Utility's Tariff Schedules. Notwithstanding the forgoing, no contract shall exist and no Trades may occur until Utility approves the request and executes this Agreement.

4. Each Party hereto agrees to comply with the terms and conditions of this Agreement, the applicable Utility Tariff Schedules, as each may be amended from time-to-time by the California Public Utilities Commission ("CPUC").

5. Throughout the term of this Agreement, Recipient shall have the right to use the firm capacity Curtailment Baseline Quantity that is the subject of the Trade for the periods set forth herein.

~~6. As of the first Trading Day and throughout the period subject to the Trade, all Capacity Holder's obligations with regard to the traded capacity, including use or pay obligations, shall become Recipient's sole responsibility. Capacity Holder's firm capacity and use or pay obligation will decrease and Recipient's firm capacity and use or pay obligation will increase by the quantities set forth herein.~~

7. This Agreement shall be governed by and construed in accordance with Utility's Tariff Schedules, the rules, regulations, decisions, and/or orders of the CPUC, and the laws of the State of California without giving effect to the principles of conflicts of laws.

(a) Any dispute that cannot be resolved between representatives of the Parties shall be referred for resolution to Utility officer or his/her delegate and, as applicable, an officer of Capacity Holder and/or an officer of Recipient. If the Parties cannot reach an agreement within a reasonable period of time after such referral, a Party hereto shall have the right to pursue relief before the CPUC and the Parties agree to submit to the exclusive jurisdiction of the CPUC.

(b) If either Party files any action or brings any proceeding against the other arising from or related to this Agreement, the prevailing Party shall be entitled to recover from the other Party as an element of its costs of suit and not as damages, all costs, expenses (including expert testimony), and reasonable attorneys' fees (including in-house and outside counsel) incurred therein by the prevailing Party in the action or proceeding, including any appeal thereof. The "prevailing Party" within the meaning of this section shall be the Party to the action or proceeding who is entitled to recover its costs of suit for the proceeding, whether or not the same proceeds to final judgment. A Party not entitled to recover its costs shall not recover attorneys' fees.

~~CONSTRAINED AREA~~
~~FIRM CAPACITY CURTAILMENT TRADING AGREEMENT~~

8. All notices to be given under this Agreement shall be in writing and either sent by a nationally recognized overnight courier service, in which case notice shall be deemed delivered as of the date shown on the courier's delivery receipt; or sent by telecopy during business hours of the recipient, with a copy of the notice also deposited in the United States mail (postage prepaid) , in which case notice shall be deemed delivered on transmittal by telecopier provided that a transmission report is generated reflecting the accurate transmission of the notices; or sent by United States mail, in which case notice shall be deemed delivered as of two business days after deposit in the mail, addressed as follows:

Capacity Holder

Customer Name: _____
Address: _____

Account No. _____
Customer Contact:
Name: _____
Phone # (____) ____ - _____

~~Fax # (____) _____~~
Email Address: _____

Recipient

Customer Name: _____
Address: _____

Account No. _____
Customer Contact:
Name: _____
Phone # (____) ____ - _____

~~Fax # (____) _____~~
Email Address: _____

Utility

Address: _____

Utility Contact:
Name: _____
Phone # (____) ____ - _____

~~Fax # (____) _____~~
Email Address: _____

9. The failure of any Party to insist upon or enforce, in any instance, strict performance by any other Party of any of the terms of this Agreement or to exercise any rights herein conferred shall not be construed as a waiver or relinquishment to any extent of its right to assert or rely upon any such terms or rights on any future occasion.

10. Where the context permits, the obligations imposed on **Capacity Holder** and **Recipient** pursuant to this Agreement shall survive the termination of this Agreement.

11. No modification of any provisions of this Agreement shall be valid unless in writing and signed by authorized representatives of the Party against whom such modification is ought to be enforced.

CONSTRAINED AREA
FIRM CAPACITY CURTAILMENT TRADING AGREEMENT

12. The captions in this Agreement are for convenience and reference only and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

13. This Agreement may be executed in counterparts which, taken together, shall constitute a single instrument.

14. Each individual executing this Agreement represents and warrants that they are duly authorized to execute and deliver this Agreement on behalf of said Party and that this Agreement is binding upon said Party in accordance with its terms.

IN WITNESS WHEREOF, the Parties have executed this Agreement intending to be legally bound as of the date on which Utility executes below.

~~Capacity~~ Holder

Company Name: _____

Signature: _____

Name: _____

Title: _____

Recipient

Company Name: _____

Signature: _____

Name: _____

Title: _____

Accepted and Agreed to as of _____, **20**____

San Diego Gas & Electric Company

Signature: _____

Name: _____

Title: _____

CONSTRAINED AREA
FIRM CAPACITY CURTAILMENT TRADING AGREEMENT

EXHIBIT 1

Hourly Contract Curtailment Baseline Quantities

Hourly Contract Curtailment Baseline Quantities Range # _____

Operating Days M ___ T ___ W ___ Th ___ F ___ Sa ___ Su ___

Date Range: Start Month _____ End Month _____
Day _____ Day _____
Year _____ Year _____

Hour Range: Start _____ am End _____ am
_____ pm _____ pm

~~Bid~~ Amount Therms per Hour: _____

Hourly Contract Curtailment Baseline Quantities Range # _____

Operating Days M ___ T ___ W ___ Th ___ F ___ Sa ___ Su ___

Date Range: Start Month _____ End Month _____
Day _____ Day _____
Year _____ Year _____

Hour Range: Start _____ am End _____ am
_____ pm _____ pm

~~Bid~~ Amount Therms per Hour: _____

Hourly Contract Curtailment Baseline Quantities Range # _____

Operating Days M ___ T ___ W ___ Th ___ F ___ Sa ___ Su ___

Date Range: Start Month _____ End Month _____
Day _____ Day _____
Year _____ Year _____

Hour Range: Start _____ am End _____ am
_____ pm _____ pm

~~Bid~~ Amount Therms per Hour: _____

Times are stated in Pacific ~~Standard-Clock~~ Time. Date ranges are specified using the first and last day of the applicable period (the last day is inclusive). Date Ranges are applicable for each operating day during the applicable period. Starting and ending times are specified in whole hours (the last hour specified is included). The sum of all hourly quantities in any month must be equal to the monthly amount set forth herein.

(Use Additional Pages if Necessary)