

Northwest Pipeline Corporation: First Revised Volume No. 1-A  
Title Page : Effective

FERC GAS TARIFF

FIRST REVISED VOLUME NO. 1-A  
(Superseding Original Volume No. 1-A)  
(TRANSPORTATION RATE SCHEDULES)

of

NORTHWEST PIPELINE CORPORATION

Filed with

FEDERAL ENERGY REGULATORY COMMISSION

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**Original Sheet No. 1** Original Sheet No. 1 : Effective

TRANSPORTATION RATE SCHEDULES

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**First Revised Original Sheet No. 2** First Revised Original Sheet No. 2 : Effective  
Superseding: Original Sheet No. 2

PRELIMINARY STATEMENT RELATED  
TO FERC GAS TARIFF FIRST REVISED VOLUME NO. 1-A  
CONTAINING TRANSPORTATION RATE SCHEDULES

This FERC Gas Tariff, First Revised Volume No. 1-A of Northwest Pipeline Corporation ("Northwest" or "Transporter") contains general transportation rate schedules available for Shippers with whom Northwest contracts through executed Transportation Agreements for transportation of natural gas.

Transportation arrangements commenced by Northwest prior to the effectiveness of this FERC Gas Tariff, First Revised Volume No. 1-A were generally undertaken pursuant to special individual contracts. Such individual contracts are either generally filed as part of Northwest's FERC Gas Tariff, Original Volume No. 2, or are self-implementing agreements under Part 284 or Section 157.209 of the Federal Energy Regulatory Commission's Regulations. In addition, the following special transportation rate schedules are included in Northwest's FERC Gas Tariff, Second Revised Volume No. 1:

Rate Schedule T-1: Special Transportation Service from Stanfield to Ignacio.

In those instances where, in Northwest's determination, the desired transportation service involves special operating conditions or circumstances not within the purview of the general rate schedules contained in this FERC Gas Tariff, First Revised Volume No. 1-A, Northwest may enter into special transportation agreements for such transportations that may be included in Northwest's FERC Gas Tariff, Original Volume No. 2.

The Rate Schedules contained in this FERC Gas Tariff, First Revised Volume No. 1-A are for mainline transportation. For the purposes of this Volume No. 1-A Tariff, Northwest's mainline transportation system shall be deemed to include Northwest's mainline(s) extending generally from the U.S./Canadian border near Sumas, Washington to a point near Ignacio, Colorado, all sales laterals, including but not limited to the Eugene, Spokane, Wenatchee, Kellogg, Reno, Red Wash, Piceance Creek and Nucla Laterals and any other pipelines or laterals owned in whole or in part by Northwest which are utilized to provide jurisdictional transportation of natural gas where the service does not qualify for the gathering exemption of Section 1(b) of the Natural Gas Act.

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**First Revised Sheet No. 2** First Revised Sheet No. 2 : Suspended  
Superseding: Original Sheet No. 2

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Transportation arrangements commenced by Northwest prior to the effectiveness of this FERC Gas Tariff, First Revised Volume No. 1-A were generally undertaken pursuant to special individual contracts. Such individual contracts are either generally filed as part of Northwest's FERC Gas Tariff, Original Volume No. 2, or are self-implementing agreements under Part 284 of the Federal Energy Regulatory Commission's Regulations. In addition, the following special transportation rate schedule is included in Northwest's FERC Gas Tariff, Second Revised Volume No. 1:

Rate Schedule T-1: Special Transportation Service from Stanfield to Ignacio.

The Rate Schedules contained in this FERC Gas Tariff, First Revised Volume No. 1-A are for mainline transportation. For the purposes of this Volume No. 1-A Tariff, Northwest's mainline transportation system shall be deemed to include Northwest's mainline(s) extending generally from the U.S./Canadian border near Sumas, Washington to a point near Blanco, New Mexico, all sales laterals, including but not limited to the Eugene, Spokane, Wenatchee, Kellogg, Reno, Red Wash, Piceance Creek and Nucla Laterals and any other pipelines or laterals owned in whole or in part by Northwest which are utilized to provide jurisdictional transportation of natural gas where the service does not qualify for the gathering exemption of Section 1(b) of the Natural Gas Act.

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**Original Sheet No. 3** Original Sheet No. 3 : Effective

PRELIMINARY STATEMENT RELATED  
TO FERC GAS TARIFF FIRST REVISED VOLUME NO. 1-A  
CONTAINING TRANSPORTATION RATE SCHEDULES  
(Continued)

The Preliminary Statement contained in Northwest's FERC Gas Tariff, Second Revised Volume No. 1 is incorporated herein by this reference. Such Preliminary Statement contains the following paragraph, which is quoted below for emphasis:

It is the policy of Northwest to undertake the sale or transportation of gas only pursuant to written contracts with selected customers upon terms and conditions acceptable to Northwest, executed after consideration of its existing commitments, supplies of gas, delivery capacity, points of delivery and other factors deemed material by Northwest.



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**Original Sheet No. 4** Original Sheet No. 4 : Effective

System Map

*Effective Date: 11/25/1990 Status: Effective*

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**Original Sheet Nos. 5 Through 200** Original Sheet Nos. 5 Through 200 : Effective

RESERVED FOR FUTURE USE

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**Nineteenth Revised Sheet No. 201** Northwest Pipeline Corporation: First Revised Volume No. 1-A  
 Nineteenth Revised Sheet No. 201 : Superseded  
 Superseding: Eighteenth Revised Sheet No. 201

SUMMARY STATEMENT OF TRANSPORTATION RATES  
 Effective Rates Applicable to Transportation Rate Schedules  
 Contained in this FERC Gas Tariff, First Revised Volume No. 1-A

The base tariff rates shown below, stated in cents per MMBtu are subject to adjustment pursuant to Sections 13, 16 and 19 of the General Transportation Terms and Conditions of this Tariff, First Revised Volume No. 1-A, concerning Gas Research Institute Adjustments ("GRI Adjustment"), and FERC Annual Charges and SSP Charges. The rates after adjustment are designated "Currently Effective Tariff Rate".

Rate Schedule and Type of Charge	Base Tariff Rate		GRI (1) Adjustment	FERC Annual Charges	SSP (5) Charges	Currently Effective Tariff Rate (6)	
	Minimum	Maximum				Minimum	Maximum
TI-1 Commodity (2)	0.11 >	24.88 >	1.47 >	.25 >	3.97 >	.34 >	30.57 >
TF-1 (7) Reservation Charge - Small Customer	-	-	-	-	-	-	-
Large Customer (3)	-	753.50 >	8.00 >	-	-	-	761.50 >
Commodity (4) Small Customer (8)	0.11 >	49.66 >	1.47 >	.25 >	3.97 >	.34 >	55.35 >
Large Customer (4)	0.11 >	0.11 >	1.47 >	.25 >	3.97 >	.34 >	5.80 >
TI-1 and TF-1 Scheduled Overrun Transportation (2)	0.11 >	24.88 >	1.47 >	.25 >	3.97 >	.34 >	30.57 >
Unauthorized Daily Overrun Charge at least 3%;							
less than 5%	-	500.00 >	-	-	-	-	500.00 >
5% or more	-	1000.00 >	-	-	-	-	1000.00 >

Footnotes:

- (1) The GRI Adjustment shall not be applicable to (i) Shippers which are participating members of the Gas Research Institute (GRI) which help fund GRI and which include in their rates a charge for Research, Development and Demonstration by GRI, and (ii) to gas that is eventually resold or transported by another interstate pipeline at rates that include a charge for Research, Development and Demonstration by GRI.
- (2) The maximum interruptible commodity rate and scheduled overrun transportation rates are comprised of 24.06 > for transmission costs and .82 > for storage costs.
- (3) The Reservation Charge for large customers is comprised of 728.95 > for transmission costs and 24.55 > for storage costs.
- (4) The maximum firm commodity rate for large customers includes only variable costs and is comprised of .09 > for transmission costs and .02 > for storage costs.
- (5) To the extent Transporter provides service for the same volume of gas under Volume Nos. 1, 1-A and 2 of its FERC Gas Tariff, the applicable SSP Commodity Charge will be billed only once.
- (6) To the extent Transporter discounts the Maximum Currently Effective Tariff Rate, any such discounts will be applied on a non-discriminatory basis and subject to the policies of Order No. 497. Unless agreed otherwise, discounts offered to the Maximum Currently Effective Tariff Rate will be applied first to the GRI Adjustment surcharges, then to SSP charges and then to the Base Tariff Rate.
- (7) The Washington Water Power Company shall also be responsible for Account No. 858 Commodity and Demand Charges for Rate Schedule TF-1 deliveries from off-PGT points. The derivation of such charges is described in Section 13 of Rate Schedule TF-1.
- (8) The maximum firm commodity rate for small customers is comprised of 48.02 > for transmission costs and 1.64 > for storage costs.
- (9) A "Facility Cost-of-Service Charge", defined in Rate Schedules TF-1 and TI-1, shall be applied per Exhibit C of the Transportation Agreement, where applicable, in addition to all other rates and charges.

Effective Date: 04/01/1993 Status: Effective  
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**Substitute Fourth Revised Sheet No. 202** Substitute Fourth Revised Sheet No. 202 : Effective  
Superseding: Third Revised Sheet No. 202

STATEMENT OF FUEL USE REQUIREMENTS FACTORS  
FOR REIMBURSEMENT OF FUEL USE

Applicable to Transportation Service Rendered Under  
Rate Schedules Contained in this Tariff, First Revised Volume No. 1-A

The rates set forth on Sheet No. 201 are exclusive of fuel use requirements. Pursuant to Section 14 of the General Transportation Terms and Conditions contained herein, Shipper shall reimburse Transporter for its fuel use requirements. Such reimbursement shall be furnished in-kind.

The fuel use reimbursement furnished by Shippers shall be as follows for the Rate Schedules included in this Tariff, First Revised Volume No. 1-A:

Rate Schedule TI-1	1.25%
Rate Schedule TF-1	1.25%

The fuel use factors set forth above shall be calculated and adjusted as explained in Section 14 of the General Terms and Conditions. Fuel reimbursement quantities to be supplied by Shippers to Transporter shall be determined by applying the factors set forth above to the quantity of gas nominated for receipt by Transporter from Shipper for transportation.

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*FERC Docket: GT91- 5-000*

**Sheet Nos. 203 Through 299** Sheet Nos. 203 Through 299 : Effective

RESERVED FOR FUTURE USE

Effective Date: 11/25/1990 Status: Effective

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**Original Sheet No. 300** Original Sheet No. 300 : Effective

TRANSPORTATION RATE SCHEDULES

INDEX

Rate Schedule	Description	Sheet No.
TI-1	Interruptible Transportation	301
TF-1	Firm Transportation	311

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 301** Original Sheet No. 301 : Effective

RATE SCHEDULE TI-1  
Interruptible Transportation

1. AVAILABILITY

This transportation rate schedule is available on a first-come, first served basis to any party (hereinafter called "Shipper") for the transportation of natural gas by Northwest Pipeline Corporation (hereinafter called "Transporter") through Transporter's mainline transmission system under the following conditions:

- (a) Transporter can render the service contemplated without need for construction of any additional pipeline facilities, other than such new taps, valves, measurement equipment, or other facilities required at the Receipt or Delivery Point(s) to effect delivery and measurement of the gas; and
- (b) Shipper and Transporter shall have executed a Transportation Agreement for service under this Rate Schedule.

2. APPLICABILITY AND CHARACTER OF SERVICE

This Rate Schedule shall apply to gas transported by Transporter for Shipper pursuant to the executed Transportation Agreement for service under this Rate Schedule.

Transportation service under this Rate Schedule shall consist of:

- (a) The receipt by Transporter for the account of Shipper of Shipper's gas at the Receipt Point(s) specified in the executed Transportation Agreement;
- (b) The transportation of such gas through Transporter's pipeline system for the account of Shipper either directly or by displacement; and
- (c) The delivery of gas in thermally equivalent quantities after transportation (less any fuel use reimbursement furnished in-kind in accordance with the terms of the executed Transportation Agreement and Section 14.5 of the General Transportation Terms and Conditions) by Transporter to Shipper or for the account of Shipper at the Delivery Point(s) specified in the executed Transportation Agreement.

Transportation service rendered under this Rate Schedule is interruptible, and subject to curtailment or interruption at any time.

RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

3. MONTHLY RATE

Each month, Shipper shall pay Transporter for service rendered under this rate schedule, the applicable amounts specified in Section 3.1 below:

3.1 Transportation Service. The sum of (a) and (b) below:

- (a) An amount obtained by multiplying (i) the quantity of MMBtu delivered by Transporter to Shipper after transportation during the month, after reduction for fuel provided in-kind, if applicable, by (ii) an amount no less than the Minimum Interruptible Transportation rate nor greater than the Maximum Interruptible Transportation rate per MMBtu, each as set forth on Sheet No. 201 of this First Revised Volume No. 1-A. Unless specifically adjusted pursuant to Section 3.2 herein, the Maximum Rate set forth on Sheet No. 201 shall apply.
- (b) An amount obtained by multiplying (i) the quantity of MMBtu delivered by Transporter to Shipper after transportation during the month, after reduction for fuel provided in-kind, if applicable, times (ii) the sum of the applicable GRI adjustment, the ACA and the SSP components in cents per MMBtu. This charge shall be subject to adjustment in accordance with Sections 13, 16, and 19 of the General Transportation Terms and Conditions.

3.2 Adjustment of Rates. Transporter reserves the right to provide by contract with Shipper to adjust at any time any of the rates specified in Section 3 applicable to any individual transportation for Shipper without adjusting any other rates for any other transportation for that or another Shipper; provided, however, that such adjusted rate(s) shall not exceed the applicable Maximum Rate(s) nor shall they be less than the Minimum Rate(s) per MMBtu set forth on Sheet No. 201 of this First Revised Volume No. 1-A, or any superseding tariff. If Transporter so adjusts any rates to any Shipper, Transporter shall file with the Federal Energy Regulatory Commission any required reports reflecting such adjusted rates.



RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

4. MINIMUM MONTHLY BILL

None.

5. SHIPPER'S MAXIMUM DAILY QUANTITY AND SCHEDULED OVERRUN GAS

The executed Transportation Agreement shall specify a maximum daily quantity of gas to be transported thereunder for Shipper. The maximum daily quantity refers to the quantity of gas to be delivered by Transporter to Shipper after transportation, at the Delivery Point(s), (after fuel reimbursement furnished in-kind, if the executed transportation agreement so provides).

Upon request of Shipper, on any day Shipper may tender and Transporter, at its option, may accept for transportation hereunder quantities of gas in excess of Shipper's maximum daily quantity. However, Transporter will not accept quantities of overrun gas for transportation if it would cause curtailment of service up to maximum daily quantity to any other Shipper under this Rate Schedule TI-1. Shipper shall pay for such excess gas transported on any such day the rates set forth on Sheet No. 201, in accordance with Section 3 of this Rate Schedule TI-1.

In the event that capacity is available to provide overrun service but not to provide all overrun service requested, interruption of overrun service shall be consistent with Section 12 of the General Transportation Terms and Conditions.

6. FUEL GAS REIMBURSEMENT AND BTU BALANCING

Refer to Section 14 of the General Transportation Terms and Conditions.

7. SHIPPER'S ARRANGEMENTS PRIOR TO RECEIPT AND AFTER DELIVERY

Refer to Section 14 of the General Transportation Terms and Conditions.

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**Second Revised Sheet No. 304** Second Revised Sheet No. 304 : Effective  
Superseding: First Revised Sheet No. 304

RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

8. GENERAL TRANSPORTATION TERMS AND CONDITIONS

The General Transportation Terms and Conditions contained in this FERC Gas Tariff, First Revised Volume No. 1-A, except as modified in the executed Transportation Agreement, are applicable to this Rate Schedule and are hereby made a part hereof.

9. FILING FEES

Shipper shall reimburse Transporter for any and all filing fees incurred by Transporter in seeking governmental authorization for service under this Transportation Agreement.

10. FACILITIES REIMBURSEMENT

Facilities contemplated by Section 1(a) of this Rate Schedule may be installed by either Transporter or Shipper as provided below:

- (a) Transporter will pay for all or part of the cost of the modification or construction of facilities required at receipt or delivery point(s) to effectuate the receipt or delivery of natural gas hereunder, when the construction or modification of such facilities is economically beneficial to Transporter.

For the purposes of determining whether a gas supply project is economically beneficial to Transporter, Transporter will evaluate each prospective project based upon the amount of the reserves and deliverability characteristics of the gas supply to be attached. Facility additions at receipt points shall be evaluated based upon the incremental cost of service of the facilities to be constructed by Transporter (including the cost of real property rights acquisition), and the incremental revenues which Transporter estimates will be generated as a result of constructing and/or modifying such facilities.

For the purposes of determining whether a project to deliver gas is economically beneficial to Transporter, Transporter will evaluate each prospective project based upon the incremental cost of service of the facilities to be constructed by Transporter (including the cost of real property rights acquisition), and the incremental revenues which Transporter estimates will be generated as a result of constructing and/or modifying such facilities.

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**First Revised Sheet No. 304-A** First Revised Sheet No. 304-A : Effective  
Superseding: Original Sheet No. 304-A

RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

10. FACILITIES REIMBURSEMENT (Continued)

In estimating the revenues to be generated, Transporter will calculate the revenues based upon its currently effective transportation rates, exclusive of any surcharges such as GRI, SSP and ACA charges, and the projected incremental volumes which will result from the project. Transporter will consider volumes to be incremental if any of the following criteria are met:

(i) the volumes which will be transported through the contemplated facilities are in excess of the volumes which could be transported through existing metering facilities considering both the capacity of the existing facilities and currently effective priorities of service through such meters; or

(ii) the volumes which will be transported are to a new end-use customer or market, or to a customer or market which hasn't been served for the twelve months prior to the date of request for the facilities additions; or

(iii) the volumes which will be transported would not otherwise flow through Transporter's system. To verify that the volumes would not otherwise be transported through Transporter's system, Shipper shall submit an affidavit to Transporter including a statement certifying that unless Transporter pays for the contemplated facilities, Shipper will not flow the volumes through Transporter's system.

In calculating the incremental cost of service of the facilities to be constructed, Transporter shall utilize the methodologies for calculating cost of service which underlie its currently effective transportation rates.

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**Second Revised Sheet No. 304-B** Second Revised Sheet No. 304-B : Effective  
Superseding: First Revised Sheet No. 304-B

RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

10. FACILITIES REIMBURSEMENT (Continued)

Based on the above listed criteria, the economic value of a project shall be determined using the discounted cash flow rate of return methodology with the minimum acceptable rate of return to be published on Transporter's electronic bulletin board, as amended from time-to-time. When the present value of the incremental revenues from the project is greater than the present value of the incremental cost of service, Transporter will pay for the cost of the contemplated facilities. When the present value of the incremental revenues from the project is less than the present value of the incremental cost of service, Shipper shall pay for the cost of the contemplated facilities in an amount equal to the lesser of the actual cost of the facilities and the difference between the present value of the incremental revenues and the present value of the incremental cost of service.

When Transporter has previously paid for all or a portion of receipt or delivery point facilities under this facilities reimbursement policy, Shipper shall, nevertheless, promptly pay Transporter for Transporter's net book value of such facilities when either of the following events occurs: (1) when Transporter's ability to fully recover such costs is denied in any Section 4 or Section 5 rate proceeding, or (2) when Shipper ceases operations at the end-use point or receipt point adjacent to where the facilities were installed.

- (b) Regardless of the outcome of the economic test, at its option, Transporter will pay all costs of acquiring any rights to real property upon which the contemplated facilities are to be constructed, as well as costs related to rights of ingress and egress. Unless otherwise agreed, any rights of ownership and control associated with such real property will be retained by Transporter.
- (c) When Transporter installs facilities which require Shipper's reimbursement under Section 10(a), Shipper may choose one of the following options for payment:
  - (1) Shipper may pay Transporter for the subject facility construction costs due pursuant to Section 10(a), and related income taxes, in full upon completion of construction; or

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**First Revised Sheet No. 304-C** First Revised Sheet No. 304-C : Effective  
Superseding: Original Sheet No. 304-C

RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

10. FACILITIES REIMBURSEMENT (Continued)

- (2) Shipper may arrange to reimburse Transporter for the cost of facilities contemplated by this Section 10 through a "Facility Cost-of-Service Charge." The terms of reimbursement will be set forth on "Exhibit C" to the Rate Schedule TI-1 Service Agreement, executed by Transporter and Shipper. This Facility Cost of Service Charge obligation may be transferred to superceding or replacement service agreements, as necessary. The Shipper who requested the facilities, or its successor, will be charged monthly a Facility Cost-of-Service Charge for such facilities until Transporter recovers in full the net book value, and the associated rate of return and income taxes, of that portion of the facilities for which Shipper is responsible to pay pursuant to Section 10(a) hereof. In calculating the Facility Cost-of-Service Charge for the facilities, Transporter shall utilize the cost of the facilities as set forth on "Exhibit C" and the methodologies for calculating cost of service which underlie its currently effective transportation rates, as revised from time to time.

Shipper may elect at any time to cease paying the Facility Cost-of-Service Charge by paying Transporter for the then remaining net book value of that portion of the facilities for which Shipper is responsible to pay pursuant to Section 10(a) hereof, including any related income taxes.

In the event that Shipper ceases operations at the end-use point or receipt point for which the facilities were installed, or ceases to be a Rate Schedule TI-1 Shipper (unless its facility cost reimbursement obligations hereunder are assumed by a replacement Shipper) before Shipper reimburses Transporter for the cost of those facilities in full, Shipper will pay Transporter for the then remaining net book value of that portion of the facilities for which Shipper is responsible to pay pursuant to Section 10(a) hereof, including any related income taxes.

Transporter shall not transfer any ownership interest agreed to pursuant to section 10(g) to Shipper prior to payment in full of the Cost-of-Service Charge.

- (d) Shipper may contract either with Transporter or a third party to install such facilities, provided, however, that Transporter shall install all taps and related valves or check valves.

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**Third Revised Sheet No. 305** Third Revised Sheet No. 305 : Effective  
Superseding: Second Revised Sheet No. 305

RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

10. FACILITIES REIMBURSEMENT (Continued)

Transporter shall operate and maintain all equipment unless otherwise agreed to in writing by Transporter and Shipper. All such facilities must include any rights-of-way necessary to access facilities for inspection and maintenance. Any such facilities constructed by Shipper or third parties must be in accordance with Transporter's specifications. Transporter must approve design drawings and bills of materials, and construction shall be subject to approval by Transporter's inspectors.

Shipper shall coordinate the construction of such facilities with Transporter so that Transporter may reasonably have inspectors at the site during construction. Shipper assumes full responsibility and liability and agrees to hold Transporter harmless from any liability of any nature arising from the installation of such facilities by Shipper or by a third party for Shipper.

- (e) Transporter or Shipper shall not construct or modify any facilities hereunder, except such facilities as are defined by Section 1(a) of this TI-1 Rate Schedule. Such facilities may not compromise the operational integrity of Transporter's pipeline system. Construction is subject to acquiring any necessary regulatory approvals.
- (f) Transporter reserves the right to seek a waiver of the foregoing facilities reimbursement policy, for good cause shown, during any proceeding before the Commission instituted under Section 7 of the Natural Gas Act. Nothing in this policy statement shall require Transporter to file an application for a certificate of public convenience and necessity under Section 7(c) of the Natural Gas Act or from contesting an application for service filed pursuant to Section 7(a) of the Natural Gas Act.
- (g) If in its sole discretion Transporter determines that joint ownership of the facilities will not be detrimental to Transporter's system, Transporter will offer Shipper the option to acquire an ownership interest in the facilities in proportion to the amount of construction costs for which Shipper is responsible pursuant to Section 10(a) hereof.

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**Original Sheet No. 306** Original Sheet No. 306 : Effective

RATE SCHEDULE TI-1  
Interruptible Transportation  
(Continued)

10. FACILITIES REIMBURSEMENT (Continued)

This Section 10 pertains to receipt and delivery facilities. It is not intended to limit who may own, operate, install or pay for facilities upstream of a receipt point or downstream of a delivery point. It is the Shipper's responsibility to assure that all facilities installed and owned by Shipper or any other party upstream of a receipt point or downstream of a delivery point comply with all applicable governmental regulations and design requirements for their intended use (i.e., pressure, control, etc.).

11. RECEIPT POINT FLEXIBILITY

Transporter will allow amendments to receipt points designated in Transportation Agreements under this rate schedule. Any Shipper who wishes to amend the receipt points named in its Transportation Agreement shall submit to Transporter an executed amendment which implements a revised Exhibit A. Nominations for interruptible service will be honored at such receipt points consistent with established priorities and the total volumes nominated for all receipt points must not exceed Shipper's maximum daily quantity.

*Effective Date: 10/27/1993 Status: Effective*  
*FERC Docket: RP93-199-000*

**Sheet Nos. 307 Through 310** Sheet Nos. 307 Through 310 : Effective

RESERVED FOR FUTURE USE



Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-001

**Original Sheet No. 311** Original Sheet No. 311 : Effective

RATE SCHEDULE TF-1  
Firm Transportation

1. AVAILABILITY

This transportation rate schedule is available on a first-come, first-served basis as provided herein to any party (hereinafter called "Shipper") for the transportation of natural gas by Northwest Pipeline Corporation (hereinafter called "Transporter") through Transporter's mainline transmission system under the following conditions:

- (a) Shipper desires firm service and Transporter has available capacity to render such firm service for Shipper. If at the time service is requested under this rate schedule Transporter does not have capacity to receive firm transportation gas at the receipt point(s) requested for redelivery at the delivery point(s) requested, Transporter shall offer to receive firm transportation gas at other receipt point(s) where capacity may be available to enable redelivery at the delivery point(s) requested.
- (b) Transporter can commence the service contemplated without need for construction of any additional pipeline facilities, other than any such new taps, valves, measurement equipment, or other facilities required at the Receipt or Delivery Point(s) to effect delivery and measurement of the gas; and
- (c) Shipper and Transporter have executed a Transportation Agreement for service under this Rate Schedule.

Conversion of firm sales contract demand to firm transportation pursuant to Transporter's sales rate schedules shall have priority over other new firm transportation requests on Transporter's system with regard to access to service and shall not be subject to the first-come, first-served queue. However, all firm transportation that has been provided access shall be curtailed in accordance with Section 12 of the General Transportation Terms and Conditions.

2. APPLICABILITY AND CHARACTER OF SERVICE

- 2.1 This Rate Schedule shall apply to gas transported by Transporter for Shipper pursuant to the executed Transportation Agreement for service under this Rate Schedule. Service under this rate schedule may be either independent of or in conjunction with service under any of Seller's sales rate schedules. Such service would be:

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 312** Original Sheet No. 312 : Effective

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

2. APPLICABILITY AND CHARACTER OF SERVICE (Continued)

- 2.1 (a) Transportation above, independent of or in addition to sales service, or
- (b) Transportation based upon contract demand conversion rights,
- 2.2 Transportation service under this Rate Schedule shall consist of:
  - (a) The receipt by Transporter for the account of Shipper of Shipper's gas at the Receipt Point(s) specified in the executed Transportation Agreement;
  - (b) The transportation of such gas through Transporter's pipeline system for the account of Shipper either directly or by displacement; and
  - (c) The delivery of gas in thermally equivalent quantities after transportation (less any fuel use reimbursement furnished in-kind in accordance with the terms of the executed Transportation Agreement and Section 14.5 of the General Transportation Terms and Conditions) by Transporter to Shipper or for the account of Shipper at the Delivery Point(s) specified in the executed Transportation Agreement.

Transportation service rendered under this Rate Schedule is firm, and is not subject to curtailment or interruption except as provided in Sections 3, 9, 10, and 12 of the General Transportation Terms and Conditions.

Effective Date: 04/01/1993 Status: Effective  
FERC Docket: RP93- 95-000

**Substitute First Revised Sheet No. 313** Substitute First Revised Sheet No. 313 : Effective  
Superseding: Original Sheet No. 313

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

3. MONTHLY RATE(S)

Each month, Shipper shall pay Transporter for service rendered under this Rate Schedule, the sum of the amounts specified in Sections 3.1 and 3.2, as applicable. For the purpose of applying the rates on Sheet No. 201 of this Tariff, a TF-1 Small Customer is any electing Rate Schedule TF-1 Shipper whose Contract Demand, specified in its Service Agreement hereunder, is for 6,000 MMBtus per day or less. (A Shipper qualified to elect either the TF-1 [Small Customer] or TF-1 [Large Customer] service hereunder may change its election only in connection with the filing of a general Section 4 rate case by Transporter. Transporter shall provide such Shippers with an opportunity to make such an election prior to filing such rate applications.) All other Rate Schedule TF-1 Shippers are TF-1 Large Customers for the purpose of applying the rates on Sheet No. 201 of this Tariff. The charges set forth in Sections 3.3 and 3.4 below shall only apply to The Washington Water Power Company for Rate Schedule TF-1 deliveries to off-PGT points.

3.1 Reservation Charge:

The product of Shipper's Transportation Contract Demand as specified in the executed Transportation Agreement and a unit rate per MMBtu of Contract Demand as set forth on Sheet No. 201 of this First Revised Volume No. 1-A.

Shipper shall commence payment of the Reservation Charges on the date of the Transportation Agreement for firm service under this rate schedule.

3.2 Commodity Charge: The sum of (a) and (b) below:

- (a) An amount obtained by multiplying (i) the quantity of MMBtu delivered by Transporter to Shipper after transportation during the month, after reduction for fuel provided in kind, if applicable by (ii) an amount no less than the Minimum Firm Transportation rate nor greater than the Maximum Firm Transportation rate per MMBtu, each as set forth on Sheet No. 201 of this First Revised Volume No. 1-A. Unless specifically adjusted pursuant to Section 3.6 herein, the Maximum Rate set forth on Sheet No. 201 shall apply.

Effective Date: 04/01/1993 Status: Suspended  
FERC Docket: RP93- 5-000

**First Revised Sheet No. 313** First Revised Sheet No. 313 : Suspended  
Superseding: Original Sheet No. 313

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

3. MONTHLY RATE(S)

Each month, Shipper shall pay Transporter for service rendered under this Rate Schedule, the sum of the amounts specified in Sections 3.1 and 3.2, as applicable. For the purpose of applying the rates on Sheet No. 201 of this Tariff, a TF-1 Small Customer is any electing Rate Schedule TF-1 Shipper whose Contract Demand, specified in its Service Agreement hereunder, is for 6,000 MMBtus per day or less. (A Shipper qualified to elect either the TF-1 [Small Customer] or TF-1 [Large Customer] service hereunder may change its election only in connection with the filing of a general Section 4 rate case by Transporter. Transporter shall provide such Shippers with an opportunity to make such an election prior to filing such rate applications.) All other Rate Schedule TF-1 Shippers are TF-1 Large Customers for the purpose of applying the rates on Sheet No. 201 of this Tariff. Rate Schedule TF-1 transportation services for The Washington Water Power Company, WP Natural, a division of The Washington Water Power Company, and Cascade Natural Gas Corporation to delivery points located off the Pacific Gas Transmission Company system will be subject to as-billed charges from PGT in addition to Northwest's posted TF-1 rates.

3.1 Reservation Charge:

The product of Shipper's Transportation Contract Demand as specified in the executed Transportation Agreement and a unit rate per MMBtu of Contract Demand as set forth on Sheet No. 201 of this First Revised Volume No. 1-A.

Shipper shall commence payment of the Reservation Charges on the date of the Transportation Agreement for firm service under this rate schedule.

3.2 Commodity Charge: The sum of (a) and (b) below:

- (a) An amount obtained by multiplying (i) the quantity of MMBtu delivered by Transporter to Shipper after transportation during the month, after reduction for fuel provided in kind, if applicable by (ii) an amount no less than the Minimum Firm Transportation rate nor greater than the Maximum Firm Transportation rate per MMBtu, each as set forth on Sheet No. 201 of this First Revised Volume No. 1-A. Unless specifically adjusted pursuant to Section 3.4 herein, the Maximum Rate set forth on Sheet No. 201 shall apply.
- (b) An amount obtained by multiplying (i) the quantity of MMBtu delivered by Transporter to Shipper after transportation during the month, after reduction for fuel provided in kind, if applicable times (ii) the sum of the applicable GRI adjustment, the ACA and the SSP components in cents per

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FERC Docket: RP93- 95-000

**Original Sheet No. 313-A** Original Sheet No. 313-A : Effective

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

3. MONTHLY RATE(S) (Continued)

- (b) An amount obtained by multiplying (i) the quantity of MMBtu delivered by Transporter to Shipper after transportation during the month, after reduction for fuel provided in kind, if applicable times (ii) the sum of the applicable GRI adjustment, the ACA and the SSP components in cents per MMBtu. This charge shall be subject to adjustment in accordance with Sections 13, 16 and 19 of the General Transportation Terms and Conditions.
- 3.3 Account No. 858 Demand Charge: A Fixed Monthly Charge of \$3,728. This charge is contained on Sheet No. 17 of Transportation's Volume No. 1 Tariff, and the derivation of such charge is explained in Section 13 (b) below.
- 3.4 Account No. 858 Commodity Charge: Lump sum payment per month calculated in accordance with Section 13(a) below.
- 3.5 Additional Facility Charge: In the event that additional facilities, other than those specified in Section 1(b) herein, are required to permit continued service to Northwest's transportation customers under Rate Schedule TF-1, the TF-1 transportation customers shall pay, in addition to the rate(s) stated in this Section 3, the prorated (based on Transportation Contract Demand) cost of service attributable to any such incremental facilities until such time as a different allocation procedure is specified by Commission order.

Effective Date: 04/01/1993 Status: Effective  
FERC Docket: RP93- 95-000

**Sub Second Revised Sheet No. 314** Sub Second Revised Sheet No. 314 : Effective  
Superseding: First Revised Sheet No. 314

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

3. MONTHLY RATE(S) (Continued)

3.6 Adjustment of Rates: Transporter reserves the right to provide by contract with Shipper to adjust at any time the rates specified in this Section 3 applicable to any individual transportation for Shipper without adjusting any other rates for any other transportation for that or another Shipper; provided, however, that such adjusted rate(s) shall not exceed the applicable Maximum Rate(s) nor shall they be less than the Minimum Rate(s) per MMBtu set forth on Sheet No. 201 of this First Revised Volume No. 1-A, or any superseding tariff. If Transporter so adjusts any rates to any Shipper, Transporter shall file with the Federal Energy Regulatory Commission any required reports reflecting such adjusted rates.

4. MINIMUM MONTHLY BILL

For Rate Schedule TF-1 Large Customers the minimum monthly bill is the Reservation Charge for the month. There is no minimum monthly bill for the Rate Schedule TF-1 Small Customers.

5. TRANSPORTATION CONTRACT DEMAND

The Transportation Contract Demand shall be the largest number of MMBtu Transporter is obligated to transport for Shipper under this Rate Schedule on any one day, and shall be specified in the executed Transportation Agreement for service under this Rate Schedule.

The Transportation Contract Demand refers to the quantity of gas to be delivered by Transporter to Shipper after transportation, at the Delivery Point(s), (after fuel reimbursement furnished in-kind, if the executed Transportation Agreement so provides).

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FERC Docket: RP93- 5-000

**Second Revised Sheet No. 314** Second Revised Sheet No. 314 : Suspended  
Superseding: First Revised Sheet No. 314

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

3. MONTHLY RATE(S) (Continued)

MMBtu. This charge shall be subject to adjustment in accordance with Sections 13, 16 and 19 of the General Transportation Terms and Conditions.

3.3 Additional Facility Charge: In the event that additional facilities, other than those specified in Section 1(b) herein, are required to permit continued service to Northwest's transportation customers under Rate Schedule TF-1, the TF-1 transportation customers shall pay, in addition to the rate(s) stated in this Section 3, the prorated (based on Transportation Contract Demand) cost of service attributable to any such incremental facilities until such time as a different allocation procedure is specified by Commission order.

3.4 Adjustment of Rates: Transporter reserves the right to provide by contract with Shipper to adjust at any time the rates specified in this Section 3 applicable to any individual transportation for Shipper without adjusting any other rates for any other transportation for that or another Shipper; provided, however, that such adjusted rate(s) shall not exceed the applicable Maximum Rate(s) nor shall they be less than the Minimum Rate(s) per MMBtu set forth on Sheet No. 201 of this First Revised Volume No. 1-A, or any superseding tariff. If Transporter so adjusts any rates to any Shipper, Transporter shall file with the Federal Energy Regulatory Commission any required reports reflecting such adjusted rates.

4. MINIMUM MONTHLY BILL

For Rate Schedule TF-1 Large Customers the minimum monthly bill is the Reservation Charge for the month. There is no minimum monthly bill for the Rate Schedule TF-1 Small Customers.

5. TRANSPORTATION CONTRACT DEMAND

The Transportation Contract Demand shall be the largest number of MMBtu Transporter is obligated to transport for Shipper under this Rate Schedule on any one day, and shall be specified in the executed Transportation Agreement for service under this Rate Schedule.

The Transportation Contract Demand refers to the quantity of gas to be delivered by Transporter to Shipper after transportation, at the Delivery Point(s), (after fuel reimbursement furnished in-kind, if the executed Transportation Agreement so provides).

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**Substitute Original Sheet No. 315** Substitute Original Sheet No. 315 : Effective

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

6. SCHEDULED OVERRUN TRANSPORTATION

Upon request of Shipper, on any day Shipper may tender and Transporter, at its option, may accept for transportation hereunder quantities of gas in excess of Shipper's Transportation Contract Demand specified in the executed Transportation Agreement. However, Transporter will not accept quantities of overrun gas for transportation if it would cause curtailment of service up to Transportation Contract Demand or maximum daily quantity to any other Shipper under Rate Schedule TF-1 or TI-1.

In the event that capacity is available to provide overrun service but not to provide all overrun service requested, interruption of overrun service shall be consistent with Section 12 of the General Transportation Terms and Conditions and overrun service under this Rate Schedule TF-1 shall be treated as interruptible.

If Transporter elects to transport any quantities of gas in excess of Shipper's Transportation Contract Demand, Shipper shall pay for the excess gas transportation on any such day the amounts specified below:



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FERC Docket: GT91- 5-000

**Original Sheet No. 316** Original Sheet No. 316 : Effective

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

6. SCHEDULED OVERRUN TRANSPORTATION (Continued)

6.1 An amount obtained as the sum of (a) and (b):

(a) An amount obtained by multiplying (i) the quantity of MMBtu in excess of Transportation Contract Demand delivered by Transporter to Shipper after transportation during the month, by (ii) the Maximum Interruptible Transportation rate per MMBtu as set forth on Sheet No. 201 of this First Revised Volume No. 1-A, unless otherwise agreed to by Shipper and Transporter.

(b) An amount obtained by multiplying (i) the quantity of MMBtu in excess of Transportation Contract Demand delivered by Transporter to Shipper after transportation during the month, by (ii) the sum of the applicable SSP charge, GRI adjustment and the ACA component in cents per MMBtu. This charge shall be subject to adjustment in accordance with Sections 13, 16 and 19 of the General Transportation Terms and Conditions.

6.2 The fuel reimbursement provided for in Section 7 of this Rate Schedule.

7. FUEL GAS REIMBURSEMENT AND BTU BALANCING

Refer to Section 14 of the General Transportation Terms and Conditions.

8. SHIPPER'S ARRANGEMENTS PRIOR TO RECEIPT AND AFTER DELIVERY

Refer to Section 14 of the General Transportation Terms and Conditions.

9. GENERAL TRANSPORTATION TERMS AND CONDITIONS

The General Transportation Terms and Conditions contained in Transporter's FERC Gas Tariff, First Revised Volume No. 1-A, except as modified in the executed Transportation Agreement, are applicable to this Rate Schedule and are hereby made a part hereof.

10. FILING FEES

Shipper shall reimburse Transporter for any and all filing fees incurred by Transporter in seeking governmental authorization for service under this Transportation Agreement.

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FERC Docket: RP93-199-000

**Second Revised Sheet No. 317** Second Revised Sheet No. 317 : Effective  
Superseding: First Revised Sheet No. 317

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

11. FACILITIES REIMBURSEMENT

Facilities contemplated by Section 1(b) of this Rate Schedule may be installed by either Transporter or Shipper as provided below:

- (a) Transporter will pay for all or part of the cost of the modification or construction of facilities required at receipt or delivery point(s) to effectuate the receipt or delivery of natural gas hereunder, when the construction or modification of such facilities is economically beneficial to Transporter.

For the purposes of determining whether a gas supply project is economically beneficial to Transporter, Transporter will evaluate each prospective project based upon the amount of the reserves and deliverability characteristics of the gas supply to be attached. Facility additions at receipt points shall be evaluated based upon the incremental cost of service of the facilities to be constructed by Transporter (including the cost of real property rights acquisition), and the incremental revenues which Transporter estimates will be generated as a result of constructing and/or modifying such facilities.

For the purposes of determining whether a project to deliver gas is economically beneficial to Transporter, Transporter will evaluate each prospective project based upon the incremental cost of service of the facilities to be constructed by Transporter (including the cost of real property rights acquisition), and the incremental revenues which Transporter estimates will be generated as a result of constructing and/or modifying such facilities.

In estimating the revenues to be generated, Transporter will calculate the revenues based upon its currently effective transportation rates, exclusive of any surcharges such as of GRI, SSP and ACA charges, and the projected incremental volumes which will result from the project. Transporter will consider volumes to be incremental if any of the following criteria are met:

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FERC Docket: RP93-199-000

**First Revised Sheet No. 317-A** First Revised Sheet No. 317-A : Effective  
Superseding: Original Sheet No. 317-A

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

11. FACILITIES REIMBURSEMENT (Continued)

(i) the volumes which will be transported through the contemplated facilities are in excess of the volumes which could be transported through existing metering facilities considering both the capacity of the existing facilities and currently effective priorities of service through such meters; or

(ii) the volumes which will be transported are to a new end-use customer or market, or to a customer or market which hasn't been served for the twelve months prior to the date of request for the facilities additions; or

(iii) the volumes which will be transported would not otherwise flow through Transporter's system. To verify that the volumes would not otherwise be transported through Transporter's system, Shipper shall submit an affidavit to Transporter including a statement certifying that unless Transporter pays for the contemplated facilities, Shipper will not flow the volumes through Transporter's system.

In calculating the incremental cost of service of the facilities to be constructed, Transporter shall utilize the methodologies for calculating cost of service which underlie its currently effective transportation rates.

Based on the above listed criteria, the economic value of a project shall be determined using the discounted cash flow rate of return methodology with the minimum acceptable rate of return to be published on Transporter's electronic bulletin board, as amended from time-to-time. When the present value of the incremental revenues from the project is greater than the present value of the incremental cost of service, Transporter will pay for the cost of the contemplated facilities. When the present value of the incremental revenues from the project is less than the present value of the incremental cost of service, Shipper shall pay for the cost of the contemplated facilities in an amount equal to the lesser of the actual cost of the facilities and the difference between the present value of the incremental revenues and the present value of the incremental cost of service.

Effective Date: 10/27/1993 Status: Effective  
FERC Docket: RP93-199-000

**Second Revised Sheet No. 317-B** Second Revised Sheet No. 317-B : Effective  
Superseding: First Revised Sheet No. 317-B  
RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

11. FACILITIES REIMBURSEMENT (Continued)

When Transporter has previously paid for all or a portion of receipt or delivery point facilities under this facilities reimbursement policy, Shipper shall, nevertheless, promptly pay Transporter for Transporter's net book value of such facilities when either of the following events occurs: (1) when Transporter's ability to fully recover such costs is denied in any Section 4 or Section 5 rate proceeding, or (2) when Shipper ceases operations at the end-use point or receipt point adjacent to where the facilities were installed.

- (b) Regardless of the outcome of the economic test, at its option, Transporter will pay all costs of acquiring any rights to real property upon which the contemplated facilities are to be constructed, as well as costs related to rights of ingress and egress. Unless otherwise agreed, any rights of ownership and control associated with such real property will be retained by Transporter.
- (c) When Transporter installs facilities which require Shipper's reimbursement under Section 11(a), Shipper may choose one of the following options for payment:
  - (1) Shipper may pay due Transporter for the subject facility construction costs pursuant to Section 11(a), and related income taxes, in full upon completion of construction; or
  - (2) Shipper may arrange to reimburse Transporter for the cost of facilities contemplated by this Section 11 through a "Facility Cost-of-Service Charge." The terms of reimbursement will be set forth on "Exhibit C" to the Rate Schedule TF-1 Service Agreement, executed by Transporter and Shipper. This Facility Cost of Service Charge obligation may be transferred to superseding or replacement service agreements, as necessary. The Shipper who requested the facilities, or its successor, will be charged monthly a Facility Cost-of-Service Charge for such facilities until Transporter recovers in full the net book value, and the associated rate of return and income taxes, of that portion of the facilities for which Shipper is responsible to pay pursuant to Section 11(a) hereof. In calculating the Facility Cost-of-Service Charge for the facilities,

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FERC Docket: RP93-199-000

**Second Revised Sheet No. 317-C** Second Revised Sheet No. 317-C : Effective  
Superseding: First Revised Sheet No. 317-C  
RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

11. RECEIPT POINT FLEXIBILITY (Continued)

Transporter shall utilize the cost of the facilities as set forth on "Exhibit C" and the methodologies for calculating cost of service which underlie its currently effective transportation rates, as revised from time to time.

Shipper may elect at any time to cease paying the Facility Cost-of-Service Charge by paying Transporter for the then remaining net book value of that portion of the facilities for which Shipper is responsible to pay pursuant to Section 11(a) hereof, including any related income taxes.

In the event that Shipper ceases operations at the end-use point or receipt point for which the facilities were installed, or ceases to be a Rate Schedule TF-1 Shipper (unless its facility cost reimbursement obligations hereunder are assumed by a replacement Shipper) before Shipper reimburses Transporter for the cost of those facilities in full, Shipper will pay Transporter for the then remaining net book value of that portion of the facilities for which Shipper is responsible to pay pursuant to Section 11(a) hereof, including any related income taxes.

Transporter shall not transfer any ownership interest agreed to pursuant to Section 11(g) to Shipper prior to payment in full of the Cost-of-Service Charge.

- (d) Shipper may contract either with Transporter or a third party to install such facilities, provided, however, that Transporter shall install all taps and related valves or check valves.

Transporter shall operate and maintain all equipment unless otherwise agreed to in writing by Transporter and Shipper. All such facilities must include any rights-of-way necessary to access facilities for inspection and maintenance. Any such facilities constructed by Shipper or third parties must be in accordance with Transporter's specifications. Transporter must approve design drawings and bills of materials, and construction shall be subject to approval by Transporter's inspectors.

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FERC Docket: RP93-199-000

**First Revised Sheet No. 317-D** First Revised Sheet No. 317-D : Effective  
Superseding: Original Sheet No. 317-D

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

11. RECEIPT POINT FLEXIBILITY (Continued)

Shipper shall coordinate the construction of such facilities with Transporter so that Transporter may reasonably have inspectors at the site during construction. Shipper assumes full responsibility and liability and agrees to hold Transporter harmless from any liability of any nature arising from the installation of such facilities by Shipper or by a third party for Shipper.

- (e) Transporter or Shipper shall not construct or modify any facilities hereunder, except such facilities as are defined by Section 1(b) of this TF-1 Rate Schedule. Such facilities may not compromise the operational integrity of Transporter's pipeline system. Construction is subject to acquiring any necessary regulatory approvals.
- (f) Transporter reserves the right to seek a waiver of the foregoing facilities reimbursement policy, for good cause shown, during any proceeding before the Commission instituted under Section 7 of the Natural Gas Act. Nothing in this policy statement shall require Transporter to file an application for a certificate of public convenience and necessity under Section 7(c) of the Natural Gas Act or from contesting an application for service filed pursuant to Section 7(a) of the Natural Gas Act.
- (g) If in its sole discretion Transporter determines that joint ownership of the facilities will not be detrimental to Transporter's system, Transporter will offer Shipper the option to acquire an ownership interest in the facilities in proportion of the amount of construction costs for which Shipper is responsible pursuant to Section 11(a) hereof.

This Section 11 pertains to receipt and delivery facilities. It is not intended to limit who may own, operate, install or pay for facilities upstream of a receipt point or downstream of a delivery point. It is the Shipper's responsibility to assure that all facilities installed and owned by Shipper or any other party upstream of a receipt point or downstream of a delivery point comply with all applicable governmental regulations and design requirements for their intended use (i.e., pressure, control, etc.).

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FERC Docket: GT91- 5-000

**Original Sheet No. 318** Original Sheet No. 318 : Effective

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

12. ANNUAL AND MONTHLY DEMAND-2 QUANTITIES

On or before July 6, 1988, Shipper will provide to Transporter its Annual Demand-2 Nomination to become effective July 3, 1988. Each twelve-month period July 1 through June 30 is termed a Nomination Year. Such nominations shall be furnished in total for the Nomination Year and shall establish Shipper's Demand-2 billing determinants to be reflected on Sheet No. 602 of this FERC Gas Tariff, First Revised Volume No. 1-A and the maximum quantity of natural gas Shipper is entitled to transport on Transporter's system without penalties during each Nomination Year. Shipper's Monthly Demand-2 Quantity shall be equal to 1/12 of the annual quantity.

13. RESERVATION CHARGE ADJUSTMENTS

13.1 Daily. If during any day, Transporter fails to deliver to Shipper the quantity of natural gas requested by Shipper up to the Transportation Contract Demand, the Reservation Charge otherwise payable during the month in which such day occurs shall be reduced by an amount computed by multiplying the quantity Transporter so failed to deliver to Shipper on such day by the sum of (a) and (b) below:

(a) An amount per MMBtu obtained by dividing the monthly unit Demand-1 charge by 30.4, rounded to the nearest one-hundredth of a cent per MMBTU.

(b) The Demand-2 rate per MMBtu.

13.2 Annual. If during any Nomination Year, Transporter fails to deliver to Shipper the quantity of natural gas requested by Shipper up to its Annual Demand-2 Nomination, the Demand-2 charge otherwise payable during the year in which the underdelivery occurs shall be reduced by an amount computed by multiplying the quantity Transporter so failed to deliver to Shipper by the Demand-2 rate per MMBtu.

Effective Date: 04/01/1993 Status: Suspended  
FERC Docket: RP93- 5-000

**First Revised Sheet No. 318** First Revised Sheet No. 318 : Suspended  
Superseding: Original Sheet No. 318

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

12. RESERVATION CHARGE ADJUSTMENTS

- 12.1 Daily. If during any day, Transporter fails to deliver to Shipper the quantity of natural gas requested by Shipper up to the Transportation Contract Demand, the Reservation Charge otherwise payable during the month in which such day occurs shall be reduced by an amount computed by multiplying the quantity Transporter so failed to deliver to Shipper on such day by an amount per MMBtu obtained by dividing the monthly unit Reservation charge by 30.4, rounded to the nearest one-hundredth of a cent per MMBTU.
- 12.2 The adjustments provided in this Section 12 shall not apply if Transporter's failure to deliver the peak day or annual volume requested was due to Shipper's failure to deliver such gas to Transporter or to Shipper's inability to accept delivery of such gas, or to interruptions of service under Section 10 of the General Terms and Conditions.
- 12.3 The reduction to the Reservation Charge otherwise payable as mentioned above, shall not be due Shipper if Shipper does not endeavor, using its best efforts, to obtain gas supplies from locations behind alternate receipt points (as specified in Shipper's TF-1 service agreement or which can be made available to Shipper under the flexible receipt point provisions in Section 12 of this Rate Schedule), from which there are no capacity constraints to Shipper's nominated delivery points.



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**First Revised Sheet No. 319** First Revised Sheet No. 319 : Effective  
Superseding: Original Sheet No. 319

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

13. RESERVATION CHARGE ADJUSTMENTS

13.3 The adjustments provided in this Section 13 shall not apply if Transporter's failure to deliver the peak day or annual volume requested was due to Shipper's failure to deliver such gas to Transporter or to Shipper's inability to accept delivery of such gas.

14. OVERRUN PROVISIONS

14.1 Authorized Demand-2 Overruns. During any Nomination Year ending June 30, the total quantity of gas transported for Shipper by Transporter under this Rate Schedule TF-1 in excess of Shipper's Annual Demand-2 Nomination but less than Transportation Contract Demand times 365, shall constitute authorized D-2 overrun volume.

14.2 Unauthorized Demand-2 Overruns. During any Nomination Year ending June 30, the total quantity of gas transported for Shipper by Transporter under this Rate Schedule TF-1 in excess of Shipper's Transportation Contract Demand times 365 shall constitute unauthorized D-2 overrun volume.

14.3 D-2 overrun penalty payments. The penalty payment for authorized D-2 overrun volumes as defined in Section 14.1 above shall be in addition to the commodity rate otherwise payable and shall be equal to the 100% load factor rate under Transporter's Rate Schedule TF-1 and shall be computed as the sum of (a) and (b) below:

- (a) The Demand-1 rate divided by 30.4;
- (b) The Demand-2 rate;

The rates to be utilized shall be the currently effective tariff rates set forth on Sheet No. 201 of this First Revised Volume No. 1-A tariff.

The penalty payment for unauthorized D-2 overrun volumes as defined in Section 14.2 above shall be in addition to rates otherwise payable and shall be equal to \$5 times such unauthorized D-2 overrun volume.

14.4 Authorized Demand-2 Overrun Provisions for Certain Rate Schedule TF-1 Customers. The authorized Demand-2 Overrun provisions contained in this Section 14 shall apply to WP Natural Gas, Sierra Pacific Power Company, Southwest Gas Corporation-Northern California and Southwest Gas Corporation-Northern Nevada as provided in a joint offer of settlement filed on November 6, 1991 and approved by the Federal Energy Regulatory Commission in its December 26, 1991 order in Docket Nos. RP91-166-003, et al.

Effective Date: 04/01/1993 Status: Suspended  
FERC Docket: RP93- 5-000

**Second Revised Sheet No. 319** Second Revised Sheet No. 319 : Suspended  
Superseding: First Revised Sheet No. 319

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

13. RECEIPT POINT FLEXIBILITY

Transporter will allow monthly amendments to receipt points designated in Transportation Agreements under this rate schedule subject to available capacity. Any Shipper who wishes to amend the receipt points named in its Transportation Agreement shall submit an executed amendment, which implements a revised Exhibit A, to Transporter by two working days prior to the first of the month for which the change is desired, unless otherwise agreed to by the parties. If Transporter determines that a receipt point change request will be honored, notice of the approved change will be posted on Transporter's electronic bulletin board at least 24 hours prior to implementation of such change.

In addition, Transporter will allow, subject to available capacity and confirmation of supply availability, temporary utilization of receipt points not listed on Exhibit A to the executed Transportation Agreement in the event of interruption of firm transportation due to capacity constraints, or in the event of failure to deliver committed gas supplies because of equipment failure, compressor malfunction, freezing, or similar force majeure conditions. Transporter will provide such notice to interruptible shipper of firm receipt point changes resulting from capacity constraints or force majeure conditions as may be reasonable under the circumstances. Transporter will notify interruptible customers of receipt point changes resulting from capacity constraints on its system when confirmation of nominations is made, pursuant to Section 14 of the General Transportation Terms and Conditions.

Receipt point changes made pursuant to amendments or temporary utilization of receipt points pursuant to this section shall be given priority over all interruptible transportation requested through such receipt points and the total volumes designated on any day for all receipt points must not exceed Transportation Contract Demand.

Effective Date: 04/01/1993 Status: Effective  
FERC Docket: RP93- 95-000

**Fourth Revised Sheet No. 320** Fourth Revised Sheet No. 320 : Effective  
Superseding: Third Revised Sheet No. 320

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

13. ACCOUNT NO. 858 CHARGES

Shippers which receive service under Rate Schedule TF-1 from delivery points located off the Pacific Gas Transmission Company (PGT) system will be subject to Account No. 858 demand and commodity charges in addition to charges otherwise payable under Rate Schedule TF-1. The purpose of the Account No. 858 charges is to reimburse Transporter, on an as-billed basis, for Transporter's payment of such charges to PGT. The Account No. 858 charges shall be calculated and assessed to the affected Shippers 1/ as set forth in subparagraph (a) and (b) below:

- (a) Account No. 858 Commodity Charge: Shipper shall be subject to a lump sum commodity charge each month that shall be calculated by multiplying the Commodity Allocation Factor that is described in (i) below by the total dollar amount contained in (ii) below.
  - (i) Commodity Allocation Factor: A Commodity Allocation Factor shall be assigned to each Shipper during a given month by dividing (1) the total volume, in MMBtu, that was transported on PGT's system for Rate Schedule TF-1 service for such Shipper by (2) the total volume, in MMBtu, that was transported for all Shippers on PGT's system for Rate Schedule ODL-1 and TF-1 service from off-PGT delivery points.
  - (ii) The total Account No. 858 Commodity Charges payable by Transporter to PGT during the month.
- (b) Account No. 858 Demand Charge: Shipper shall be subject to a Fixed Monthly Account No. 858 Demand Charge that shall be calculated by multiplying the Demand Allocation Factor that is described in (i) below by the dollar amount set forth in (ii) below.

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1/ The Rate Schedule TF-1 Account No. 858 charges apply only to the Washington Water Power Company for deliveries to off-PGT points.

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*FERC Docket: RP93- 5-000*

**Third Revised Sheet No. 320** Third Revised Sheet No. 320 : Suspended  
Superseding: Second Revised Sheet No. 320

RESERVED FOR FUTURE USE

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FERC Docket: RP93- 95-000

**Original Sheet No. 321** Original Sheet No. 321 : Effective

RATE SCHEDULE TF-1  
Firm Transportation  
(Continued)

13. ACCOUNT NO. 858 CHARGES (Continued)

- (i) Demand Allocation Factor: A Demand Allocation Factor is derived for each Shipper by dividing (1) the total PGT capacity that has been assigned to such Shipper by (2) the total assignable PGT capacity of 153,265 MMBtu. These figures are contained on Exhibit B of the Joint Offer of Settlement as filed with the Commission on July 21, 1992 in Docket No. CP92-79, et al.
- (ii) The total Account No. 858 Demand Charges payable by Transporter to PGT during the month. Such monthly figure is currently \$79,972.

Transporter will adjust the Demand and Commodity Charges described above for the affected Rate Schedule TF-1 customers if (1) PGT adjusts its billings to Transporter as the result of transportation volume adjustments, or (2) PGT adjusts its currently effective Demand or Commodity rates as the result of Commission or Court action. Such adjustments shall be made to ensure that the total of Transporter's billings to affected Rate Schedule TF-1 and Rate Schedule ODL-1 customers are equal to Transporter's payments to PGT.

*Effective Date: 04/01/1993 Status: Effective*

*FERC Docket: RP93-95-000*

**Sheet Nos. 322 Through 399** Sheet Nos. 322 Through 399 : Effective

RESERVED FOR FUTURE USE

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**Substitute First Revised Sheet No. 400** Substitute First Revised Sheet No. 400 : Effective  
Superseding: First Rev Original Sheet No. 400  
GENERAL TRANSPORTATION TERMS AND CONDITIONS

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**Second Revised Sheet No. 401** Second Revised Sheet No. 401 : Effective  
Superseding: First Revised Sheet No. 401

GENERAL TRANSPORTATION TERMS AND CONDITIONS

1. DEFINITIONS

1.1 British Thermal Unit or "Btu" shall mean a Btu as defined in the American Gas Association Report No. 3, as revised from time to time.

1.2 Cubic Foot means the volume of gas which occupies one cubic foot of space when held at a base temperature of sixty degrees Fahrenheit (60°F) and a base pressure of 14.73 psia.

1.1 Gas Day means a period of twenty-four (24) consecutive hours beginning and ending as near as practicable at eight o'clock (8 a.m) Pacific Standard Time (9 a.m. Mountain Standard Time). Reference to a specific day shall mean the twenty-four hours starting at 8 a.m. Pacific Standard Time of that calendar day, e.g., April 1 shall mean the twenty-four hours starting at 8 a.m. Pacific Standard Time on April 1.

1.4 FERC means the Federal Energy Regulatory Commission or any successor entity thereto.

1.5 Gas or Natural Gas. The term "gas" or "natural gas" shall mean any mixture of hydrocarbons or of hydrocarbons and non-combustible gases, in a gaseous state, consisting essentially of methane. Such gas may be either in its natural state produced from wells, including casinghead and residue gas, or after manufacture or other methods of producing synthetic gas.



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**First Revised Sheet No. 402** First Revised Sheet No. 402 : Effective  
Superseding: Original Sheet No. 402

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

1. DEFINITIONS (Continued)

1.6 Gross Heating Value shall mean the total Btu content for a cubic foot of gas on a dry basis as determined by calculation from compositional analysis using physical properties of gases at 14.73 psia and 60°F as prescribed by the American Gas Association.

1.7 Mcf means one thousand cubic feet of gas.

1.8 MMBtu means one million Btu's.

1.9 Month means a calendar month; provided, however, that Month shall mean Transporter's normal business month for purposes of metering at the wellhead.

1.10 psia means pressure expressed in pounds per square inch absolute.

1.11 Thermally Equivalent means an equal number of MMBtu's.

1.12 Transportation means the receipt of gas of Shipper at input points on Transporter's mainline transportation system (referred to as "Receipt Points"), and the delivery of thermally equivalent quantities by Transporter to Shipper or for Shipper's account (after making allowance for any requisite fuel reimbursement furnished in-kind) at other points on Transporter's mainline transportation system (referred to as Delivery Points) regardless of the direction of flow of gas in Transporter's pipelines between the Receipt and Delivery Points, or of changes in such directions of flow.

1.13 Transporter means Northwest Pipeline Corporation.

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FERC Docket: RP92-141-001

**First Revised Sheet No. 403** First Revised Sheet No. 403 : Effective

Superseding: Original Sheet No. 403

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

1. DEFINITIONS (Continued)

1.15 Shipper means a party which executes a Transportation Agreement with Transporter under one of the rate schedules contained in this FERC Gas Tariff, First Revised Volume No. 1-A.

1.16 Mainline Transportation System means Transporter's mainline(s) extending generally from the U.S./Canadian border near Sumas, Washington to a point near Ignacio, Colorado, all sales laterals, including but not limited to the Eugene, Spokane, Wenatchee, Kellogg, Reno, Red Wash, Piceance Creek and Nucla Laterals and any other pipelines or laterals owned in whole or in part by Transporter which are utilized to provide jurisdictional transportation of natural gas where the service does not qualify for the gathering exemption of Section 1(b) of the Natural Gas Act.

1.17 Receiving Party means the party who controls the facilities into which the gas is delivered for Shipper.

1.18 Nominating Party means the person or party designated by Shipper to communicate Shipper's nominations to Transporter.

2. RECEIPT AND DELIVERY POINT AND PRESSURES

2.1 Receipt Points. The Receipt Point(s) at which Transporter will receive gas for transportation are to be identified on Exhibit "A" of the executed Transportation Agreement. Exhibit "A" shall be amended as necessary to reflect the addition or deletion of Receipt Points mutually agreed to by the parties in writing, subject to the Receipt Point Flexibility and Priority of Service provisions of this FERC Gas Tariff, First Revised Volume No. 1-A.

These points can include both points which Transporter operates as physical receipt points into its mainline, as well as any point on Transporter's mainline which Transporter and Shipper have contractually agreed to treat as a receipt point for the purpose of transferring the gas from one Transportation Agreement with Transporter to another.

2.2 Shippers Delivery Pressure. Gas shall be delivered to Transporter at the specified Receipt Points at pressures sufficient to allow the gas to enter the facilities of Transporter but shall not be delivered at pressures in excess of the maximum allowable operating pressure of Transporter's facilities at such Receipt Points. Transporter is under no obligation to modify its line pressures to permit the entry of Shipper's gas into its system.

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

2. RECEIPT AND DELIVERY POINT AND PRESSURES (Continued)

2.3 Delivery Points. Transporter shall deliver gas for Shipper's account at the delivery points set forth on Exhibit "B" of the executed Transportation Agreement. The parties may mutually agree in writing to amend said Exhibit "B" to add or delete delivery points, subject to the Priority of Service provisions of this FERC Gas Tariff, First Revised Volume No. 1-A.

These points can include both points which Transporter operates as physical delivery points from its mainline, as well as any point on Transporter's mainline which Transporter and Shipper have contractually agreed to treat as a delivery point for the purpose of transferring the gas from one Transportation Agreement with Transporter to another.

2.4 Transporter's Delivery Pressure. Transporter shall deliver gas for Shipper's account at the pressures existing from time to time in Transporter's facilities at the points of delivery.

3. QUALITY

3.1 Gas Quality at Receipt Points. All Gas delivered by Shipper to Transporter at the Receipt Points shall conform to the following specifications:

(a) Hydrocarbon Liquids and Liquefiabiles: The hydrocarbon dew point of the gas delivered shall not exceed fifteen degrees Fahrenheit at any pressure between 100 psia and 1,000 psia as calculated from the gas composition and shall be free from hydrocarbons in the liquid state. At all times, any and all liquid or liquefiable hydrocarbons, or any other constituent or by-product, recovered from the gas by Transporter, after delivery of gas to Transporter shall be and remain the exclusive property of Transporter.

(b) Hydrogen Sulfide and Total Sulfur: The gas shall contain not more than one quarter grain of hydrogen sulfide per one hundred cubic feet and not more than twenty grains total sulfur per one hundred cubic feet.

(c) Carbon Dioxide and Nitrogen: The gas shall contain not more than three percent by volume of either carbon dioxide or nitrogen individually and shall contain not more than five percent by volume of combined nonhydrocarbon gases including, but not limited to, carbon dioxide, nitrogen and oxygen.

(d) Dust, Gums, etc.: The gas shall be commercially free of dust, gums, dirt, impurities and other solid matter.

(e) Heating Value: The total gross heating value of the gas deliverable hereunder shall not be less than 985 Btu.

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

3. QUALITY (Continued)

3.1 Gas Quality at Receipt Points (Continued).

(f) Oxygen: The gas shall not contain in excess of two-tenths of one percent by volume of oxygen, and the parties agree to exercise every reasonable effort to keep the gas completely free of oxygen.

(g) Temperature: The temperature of the gas at the point of delivery shall not exceed one hundred twenty degrees Fahrenheit.

(h) Water: The gas delivered shall be free from liquid water and shall not contain more than seven pounds of water in vapor phase per million cubic feet.

(i) Mercury: The gas shall be free from any detectable mercury.

3.2 Gas Quality at Delivery Point(s). The gas delivered by Transporter to Shipper at the Delivery Point shall be natural gas containing a gross heating value of at least 985 Btu's. Such gas shall be commercially free of dust, gums, dirt, impurities and other solid matter and shall not contain more than one-quarter grain hydrogen sulfide per one hundred cubic feet as determined by using commercially available on-line analyses and/or such analytical methods that are generally accepted in industry practice provided that Transporter may install and utilize a recording hydrogen sulfide analyzer to monitor the gas at points at which it deems such continuous monitoring to be desirable. The gas to be delivered shall not contain more than twenty grains of total sulfur per one hundred cubic feet.

The gas shall be free of water and hydrocarbons in liquid form at the temperature and pressure at which the gas is delivered and in no event shall have a water content in excess of seven pounds per one million cubic feet.

3.3 Determination of Gross Heating Value and Component Analysis. The party operating the measurement equipment shall determine the gross heating value of the gas delivered and its component analysis at reasonable intervals. Such determination shall be made using either an on-line chromatograph or by chromatographic analysis of a representative sample of gas taken with a continuous sampler. Transporter may at its option allow the use of spot samples. If at any time and for any reason Shipper or Transporter should question the results of any spot sampling, a redetermination shall be made and the redetermination mutually acceptable to the parties shall be used; provided, however, if neither

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

3. QUALITY (Continued)

3.3 Determination of Gross Heating Value and Component Analysis  
(Continued)

party questions such results within a period of sixty (60) days following the determination thereof, then such results shall be deemed conclusive and binding upon the parties hereto. Btu measuring equipment shall be installed at a location or locations where the gross heating value of the gas received or delivered hereunder may be reasonably determined.

3.4 Failure to Meet Specifications. Transporter or Shipper shall have the right, exercisable by the giving of written or oral notice to the other party, to require the remedy of any failure to deliver or redeliver gas in accordance with the quality specifications set forth in Sections 3.1 and 3.2. In the event gas delivered by either party fails to conform to such specifications, the receiving party may refuse to accept all or any portion of such gas.

4. MEASUREMENT OF GAS

4.1 Unit of Volume. The unit of volume for the purpose of measurement shall be one (1) cubic foot of gas at a base temperature of 60°F. and at a base pressure of 14.73 p.s.i.a. Such measured volumes, converted to Mcf, shall be multiplied by their gross heating value per cubic foot and divided by 1,000 to determine MMBtu's received and delivered hereunder. The unit of volume for the purpose of balancing total receipts and deliveries of gas hereunder shall be one MMBtu.

4.2 Computation of Volume. The volumes of gas measured hereunder shall be computed in accordance with specifications prescribed by the American Gas Association, applied in a practical and appropriate manner. The absolute atmospheric pressure used for volume calculations shall be the average atmospheric pressure determined by calculations based on the actual elevation above sea level of the meter at the place of measurement.

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

3.QUALITY (Continued)

3.3 Determination of Gross Heating Value and Component Analysis  
(Continued)

party questions such results within a period of sixty (60) days following the determination thereof, then such results shall be deemed conclusive and binding upon the parties hereto. Btu measuring equipment shall be installed at a location or locations where the gross heating value of the gas received or delivered hereunder may be reasonably determined.

3.4 Failure to Meet Specifications. Transporter or Shipper shall have the right, exercisable by the giving of written or oral notice to the other party, to require the remedy of any failure to deliver or redeliver gas in accordance with the quality specifications set forth in Sections 3.1 and 3.2. In the event gas delivered by either party fails to conform to such specifications, the receiving party may refuse to accept all or any portion of such gas.

4.MEASUREMENT OF GAS

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4.2 Computation of Volume. The volumes of gas measured hereunder shall be computed in accordance with specifications prescribed by the American Gas Association, applied in a practical and appropriate manner. The absolute atmospheric pressure used for volume calculations shall be the average atmospheric pressure determined by calculations based on the actual elevation above sea level of the meter at the place of measurement.

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

4. MEASUREMENT OF GAS (Continued)

4.3 Meters or Measurement Equipment. For purposes of this section, Meters or Measurement Equipment shall mean the primary measurement element (i.e., orifice plate, turbine meter, etc.), and recording instruments. Gas delivered to Transporter at the Receipt Points shall be measured by measurement equipment installed, operated and maintained at such Receipt Points by the party(ies) identified on Exhibit "A" to the Transportation Agreement. Gas delivered by Transporter at the Delivery Points shall be measured by measurement equipment installed, operated and maintained at such Delivery Points by the party(ies) identified on Exhibit "B" to the Transportation Agreement. Where orifice meters are used they shall be installed and operated in accordance with the specifications prescribed in ANSI/API 2530 as supplemented and modified from time to time, applied in a practical and appropriate manner. Where positive displacement meters, turbine meters, or other measuring devices are used, they shall be installed and operated in accordance with recommendations of the American Gas Association, where available. The respective meter, meter readings and meter charts shall be accessible at all reasonable times to inspection and examination by the non-operating party. Calibration and adjustment of meters and changing of charts shall be done only by the party owning and operating the measurement facilities, unless otherwise agreed to by the parties.

4.4 Temperature and Specific Gravity. The following measurement factors shall be given due consideration.

(a) The temperature of the natural gas flowing through each meter shall be an assumed temperature arrived at by agreement or the actual measured temperature.

(b) The specific gravity of the gas shall be determined by the party operating the meter by calculation, adjusted for any difference between the specific gravity in the ideal state and in the real state in accordance with published procedures accepted by the American Gas Association.

4.5 Notice of Equipment Tests. Unless otherwise agreed to by the parties, the party operating the measurement facilities shall give notice to the other party of the time and location of all tests of gas delivered hereunder or of any equipment used in measuring or determining the nature or quality of such gas, in order that such other party may conveniently have its representative present. Should the non-operating party

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

4. MEASUREMENT OF GAS (Continued)

4.5 Notice of Equipment Tests. (Continued)

reasonably not be satisfied with any such test, it shall so notify the operating party and the operating party shall perform such retests as may be necessary to assure an accurate test.

4.6 Meter Testing. The accuracy of measurement equipment shall be verified at reasonable intervals by the party operating such equipment, and if requested, in the presence of representatives of the other party, unless otherwise agreed to by the parties. If either party notifies the other that it desires a special test of any measurement equipment, the operating party shall cooperate to secure an immediate verification of the accuracy of such measurement equipment and joint observation of any adjustments. The payment for all such tests shall be borne by the party requesting the test, unless otherwise agreed to by the parties.

4.7 Check Meters and Non-Interference. Either party may install and operate check meters at its option and expense to check the other party's primary measurement equipment, but measurement of gas shall be by the measurement equipment of the parties identified in Section 4.3. Such check meters shall be installed so as not to interfere with the operation of the primary measurement equipment of such parties. The parties shall exercise care in the installation, maintenance and operation of check measuring, pressure regulating equipment or gas compressors so as to prevent any inaccuracy in the determination of the quantity or quality of gas being measured. If unacceptable square root error or gauge line error shifts occur, the installation of pulsation filters may be required by Northwest. The party responsible for the source of any pulsation shall also be responsible for the installation cost of remedial devices or filtering equipment to reduce or eliminate such pulsation. If disagreements over pulsation arise, a third-party consultant acceptable to both Transporter and Shipper will be consulted to resolve the problem.

4.8 Adjustment of Inaccuracies. If the percentage of inaccuracy upon any test shall be an amount exceeding two percent (2%), the registration of such meter shall be corrected at the rate of such inaccuracy for any period which is definitely known or agreed upon. In the event the period is not definitely known or agreed upon, such correction shall be for a period extending back one-half (1/2) of the time elapsed since the date of the last calibration. In no event shall inaccuracies of less than two (2) percent daily or 100 MMBtus monthly be corrected. No correction period shall extend back more than one year from the date of the meter test. Following any test, measurement



**First Revised Sheet No. 409** First Revised Sheet No. 409 : Effective  
Superseding: Original Sheet No. 409

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

4. MEASUREMENT OF GAS (Continued)

4.8 Adjustment of Inaccuracies. (Continued)

equipment found inaccurate shall be immediately restored by the operating party as closely as possible to a condition of accuracy. If the measurement equipment is out of service or out of repair for any reason so that the amount of gas delivered cannot be estimated or computed from the reading thereof, the amount of gas delivered through the period such meter is out of service or out of repair shall be estimated and agreed upon by the Transporter and Receiving Party upon the basis of the best data available using the first of the following methods which is feasible:

- (a) by using the registration of the other party's check meter if installed and accurately registering; or
- (b) by correcting the error if the percentage of error is ascertainable by calibration, test or mathematical calculation; or
- (c) by estimating the quantity of deliveries by comparison with deliveries during preceding periods under similar conditions when the meter was registering accurately.

4.9 Correction of Volume Calculation Error. If, upon inspection and verification, any volume calculation error shall result in a daily volume inaccuracy exceeding two (2) percent, then the inaccuracy shall be corrected to zero error. Such errors shall be adjusted within thirty (30) days following verification by seller and buyer, however, in no event shall inaccuracies less than two (2) percent daily or 100 MMBtus monthly be corrected. No correction shall extend back more than one year from the date such error was identified.

4.10 Records Preservation. Each party shall preserve all test and measurement data, charts or similar records for a period of at least one (1) year or such other periods as shall be required under Part 225 of the Commission's regulations or the lawful requirements of any other governmental body, Federal or State, prescribing longer retention periods for any category of record.

5. BILLING AND PAYMENT

5.1 Statement by Shipper. Shipper shall report or cause to be reported to Transporter the daily volumes and gross heating value of gas delivered pursuant to the Transportation Agreement by telephone or telecopy to Transporter's Gas Measurement Department by the fifth (5th) business day of the calendar month following the month of delivery of such volumes. Shipper shall furnish Transporter's Gas Measurement Department with a written statement that confirms such reported volumes by the tenth (10th) business day of the calendar month following the month of delivery.

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**First Revised Sheet No. 410** First Revised Sheet No. 410 : Effective  
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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

5. BILLING AND PAYMENT (Continued)

5.2 Statement by Northwest. On or before the fifteenth (15th) day of each calendar month, Transporter shall mail Shipper a statement setting forth the following:

- (a) The volume of gas received by Transporter for Shipper's account during the preceding Month;
- (b) The volume of gas delivered by Transporter for Shipper's account during the preceding Month;
- (c) The imbalance, if any, between the volumes of gas received by Transporter and the volumes of gas delivered by Transporter for Shipper's account after appropriate fuel reductions, both for the preceding Month and cumulative for all preceding Months.
- (d) The charges due and payable by Shipper for services rendered during the preceding Month or Months.
- (e) The penalties due, if any, pursuant to Section 14.8 of this Volume No. 1-A tariff.

5.3 Payment by Shipper. On or before the twenty-fifth (25th) day of each calendar month, Shipper shall make payment to Transporter for all amounts due Transporter as set forth on the statement referred to in Section 5.2. If requested by Transporter, such payment shall be made in immediately available funds on or before the due date to a depository designated by Transporter. If the 25th falls on a day that the designated depository is not open in normal course of business to receive Shipper's payment, then Shipper's payment shall be made on or before the business day prior to the 25th that such depository is available.

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Original Sheet No. 412 Original Sheet No. 412 : Effective

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

5. BILLING AND PAYMENT (Continued)

5.9 Establishment of Credit. Transporter shall have the right to require Shipper to provide proof of ability to pay, satisfactory to Transporter, including advance deposits if deemed required by Transporter. Transporter shall pay interest on Shipper's advance deposit in accordance with Section 154.67(c) of the Commission's regulations.

6. STATUTORY REGULATION

Transporter's rates, charges, classifications and services as set forth in this Tariff are subject to regulation by the FERC under the Natural Gas Act. Transporter shall have the right to file from time to time with the FERC under Section 4 of the Natural Gas Act such new rate schedules and changes in its existing effective Tariff as Transporter may find necessary from time to time to assure Transporter just and reasonable rates and charges as well as a rate of return sufficient to service the debt, attract capital, insure expansion and provide adequate natural gas service to all of Transporter's customers. Without in any way limiting the generality of the foregoing, Transporter shall have the right to file new rate schedules and or new tariff sheets fairly and appropriately reflecting changes in its costs or changes in the conditions of service attributable to such transportation or any other service provided. Shipper shall have the right to protest any such new rate schedules and changes before the FERC. Notwithstanding any other provision hereof, these provisions are subject to all valid legislation and all valid present or future orders, rules and regulations of duly constituted authorities now or hereafter having jurisdiction.

7. LIABILITY AND RISK OF LOSS

7.1 Liability for Facilities. Each party assumes full responsibility and liability arising from the operation of the pipeline and facilities owned by it and agrees to hold the other party harmless from any liability of any nature arising from the owning party's installation, ownership, and operation thereof. Transporter shall have no obligation to odorize gas delivered to Shipper under this tariff nor to maintain any odorant level.

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

7. LIABILITY AND RISK OF LOSS (Continued)

7.2 Risk of Loss. Except as otherwise provided in the Transportation Agreement, risk of loss to the volumes of gas transported shall pass to Transporter upon delivery to Transporter for Shipper's account and to Shipper upon delivery by Transporter for Shipper's account.

8. WARRANTY OF TITLE

8.1 Warranty. Transporter accepts Shipper's gas at the Receipt Point(s) subject to the understanding that Shipper warrants that it will at the time of delivery of gas to Transporter for transportation, have good title to all gas so delivered to Transporter, free and clear of all liens, encumbrances and claims whatsoever, and that it will at such time of delivery have the right to delivery such gas. Transporter may also request Shipper's proof of right to purchase or transport such gas.

Subject to the foregoing, Transporter warrants that it will at the time of delivery of the transported gas to Shipper at the Delivery Point have the right to deliver said gas free and clear of all liens, encumbrances and claims whatsoever.

8.2 Indemnity. Each party shall indemnify, save and hold the other party, its subsidiaries and/or affiliates and their directors, officers, employees and agents, free and harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of adverse claims of all persons to the gas delivered by it to such other party.

9. FORCE MAJEURE

Neither Transporter nor Shipper shall be liable in damages to the other for any act, omission or circumstance occasioned by or in consequence of any blockades, insurrections, riots, epidemics, flood, washouts, landslides, mudslides, earthquakes, extreme cold or freezing weather, lightning, rulers and peoples, civil disturbances, explosions, breakage or freezing of or accident to machinery or line of pipe, the order of any court or governmental authority having jurisdiction, and any other cause, whether of the kind herein enumerated or otherwise, not reasonably within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome. Failure to prevent or settle any strike or strikes shall not be considered a matter within the control of the party claiming suspension.

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**Original Sheet No. 414** Original Sheet No. 414 : Effective

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

9. FORCE MAJEURE (Continued)

Such causes or contingencies affecting the performance under the executed Transportation Agreement by either Transporter or Shipper, however, shall not relieve it of liability in the event of its concurring negligence or in the event of its failure to use due diligence to remedy the situation and to remove the cause in an adequate manner and with all reasonable dispatch, nor shall such causes or contingencies affecting such performance relieve either party from its obligations to make payments of amounts then due in respect of gas theretofore delivered.

10. INTERRUPTIONS OF SERVICE

10.1 Tests and Repairs. Transporter shall have the right, without liability to Shipper, to interrupt the transportation of gas for Shipper when necessary to test, alter, modify, enlarge or repair any facility or property comprising a part of, or appurtenant to, Transporter's pipeline system, or otherwise related to the operation thereof. Transporter shall endeavor to cause a minimum of inconvenience to Shipper because of such interruptions.

10.2 Operational Control. Transporter shall retain full operational control of its pipeline system and shall at all times be entitled to schedule deliveries and to operate its pipeline system in a manner which, in Transporter's sole opinion, is consistent with the obligations and operating conditions as they may exist from time to time on Transporter's system, or which will allow Transporter to optimize the receipt and/or utilization of its gas supplies and for its transmission system now and in the future. Nothing in this Agreement shall be deemed to impinge on such operating flexibility.

11. TRANSPORTATION AGREEMENT AND SERVICE CONDITIONS

11.1 Form of Agreement. Transporter and Shipper shall execute a Transportation Agreement covering the transportation service contemplated. The executed Transportation Agreement, together with the General Transportation Terms and Conditions and applicable rate schedules shall constitute the entire agreement between the parties for gas transportation service provided therein and shall be modified only in writing.

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**Substitute First Revised Sheet No. 415** Substitute First Revised Sheet No. 415 : Effective  
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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

12. PRIORITY OF SERVICE

12.1 Firm Service. Firm service shall be those services for which a demand charge, facility charge or capacity reservation charge are applicable including firm service as provided in Section 13.1 of Transporter's Volume No. 1 Tariff and firm transportation under Transporter's Volume No. 1, 1-A or 2 Tariffs.

12.2 Interruptible Service. Interruptible service shall be any service that is not firm as defined in Section 12.1 including interruptible service as provided in Section 13.2 of Transporter's Volume No. 1, interruptible transportation under Transporter's Volume No. 1-A or 2 or interruptible sales or interruptible transportation pursuant to contracts not included in the tariff.

Any interruptible transportation service in which the term of the agreement is for a period(s) which occurs at one or more non-sequential times during a calendar year, each of which periods is deemed a "season", shall be referred to as "seasonal interruptible".

12.3 Priority Date. For purposes of this Section 12, the term "Transportation Agreement" shall mean an executed Transportation Agreement and/or any executed Amendments to that Transportation Agreement. A request for an amendment to a transportation agreement is generally a new request for priority purposes to the extent that it adds a receipt and/or delivery point, increases volume, or converts interruptible transportation to firm transportation. Only that portion of the service which is new will receive a new priority date. However, existing agreements may be amended, without the amendment constituting a new agreement for priority purposes, consistent with the flexible receipt point provisions of Rate Schedules TF-1, Section 15, and TI-1, Section 11, of this FERC Gas Tariff, Volume No. 1-A.

- (a) For purposes of this Section 12, "Priority Date" shall mean as provided in (1), (2) or (3) below:
- (1) For agreements executed prior to June 10, 1988, which contain specific priority of service provisions, Transporter shall establish a Priority Date which serves to maintain the existing priority relationships.
  - (2) For agreements executed prior to June 10, 1988, which do not contain specific priority of service provisions, Priority Date shall be the date of execution of such agreements.

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GENERAL TRANSPORTATION TERMS AND CONDITION

(Continued)

2. PRIORITY OF SERVICE (Continued)

- (3) For agreements executed on or after June 10, 1988, Priority Date shall be the date Shipper requests service pursuant to Section 12.7.

(b) Maintenance of Priority Date.

- (1) In order to maintain the Priority Date pursuant to this Section 12 for the transportation requested, Shipper must execute and Transporter must receive such executed transportation agreement within 30 days of the date of Shipper's receipt of the transportation agreement from Transporter. The name of the buyer and seller of the gas to be transported shall be provided to Transporter at the time such Transportation Agreement is executed. However, the identity of end users served by intrastate or interstate pipelines or from LDC system supply need not be revealed. If Transporter has not received an executed transportation agreement within 30 days of receipt of the agreement by Shipper, then the Priority Date under such agreement shall be the date of receipt by Transporter of such executed agreement.
- (2) Furthermore, to maintain this Priority Date for receipt points under interruptible transportation agreements, Shipper also must tender gas within 15 days after the later of (1) the date service is to commence under the contract, or (2) the date Transporter notifies Shipper of the execution date of the transportation agreement, or (3) the date that facilities necessary to be constructed for service under the Transportation Agreement are ready for service, or (4) the receipt of regulatory approvals, if any such approvals are required to commence service under FERC regulations. If Shipper has not tendered gas at each receipt point specified under an interruptible transportation agreement within the specified 15-day period, then the day Shipper first tenders gas at any receipt point shall become the Priority Date for such receipt point under such agreement.
- (3) The day Shipper first tenders gas at any delivery point(s) under an interruptible transportation agreement shall become the Priority Date for such delivery point(s).

12.4 Curtailment Procedures. If Transporter determines on any day that for any reason whatsoever, including reasons of force majeure, the capacity of or demand on its system or any portion thereof is insufficient to satisfy the requirements for sales or transportation service as defined above and set forth in executed service agreements or contracts,

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

12. PRIORITY OF SERVICE (Continued)

Transporter shall, without liability to any Buyer or Shipper, curtail or interrupt deliveries in accordance with the priorities set forth below, to the extent necessary to maintain superior priority of service.

- (a) Transporter first shall interrupt all interruptible service which is being provided at a rate less than the maximum rate applicable to such service by rate being paid, from lowest to highest. Service which is being provided at the same rate shall be interrupted by Priority Date, from newest to oldest. Service which is being provided at the same rate and which also has the same Priority Date shall be interrupted on a pro-rata basis based on maximum daily quantity. In order to avoid interruption based on rate, any Shipper who receives interruptible transportation service at less than the maximum rate, may agree in the executed Transportation Agreement to pay a rate higher than the discounted rate, up to the maximum rate. Such rate shall be specified in the executed Transportation Agreement. The actual rate charged, up to the specified rate, shall only be that rate necessary to avoid interruption and would only be paid by Shipper as long as necessary to avoid interruption of service by rate;
- (b) Transporter then shall interrupt all interruptible service which is being provided at the maximum rate applicable to such service by Priority Date, from newest to oldest Agreements having the same Priority Date shall be interrupted on a pro-rata basis based on maximum daily quantity; and
- (c) After interruption of services under (a) and (b), Transporter shall curtail or interrupt all firm services on a pro rata basis in proportion to the contract demands set forth in the executed service agreements, provided, however that such interruption or curtailment shall be subject to the limitations on protection of essential agricultural uses and high priority users set forth in Section 13.5 of First Revised Volume No. 1 of Northwest's FERC Gas Tariff.

12.5 Operating Limitations. Notwithstanding the other provisions of this Section 12, Transporter shall not be required to interrupt transportation to any Shipper or curtail sales to any Buyer served from those locations on Transporter's system where, due to operational or capacity limitations, Transporter's ability to maintain the priorities provided herein would not be improved. Transporter shall not be obligated to modify its system operations or its operating procedures related to firm sales or firm transportation in order to ameliorate specific operating and capacity limitations which result in interruptible transportation curtailment.



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**Original Sheet No. 417-A** Original Sheet No. 417-A : Effective

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

12. PRIORITY OF SERVICE (Continued)

12.6 Curtailment Liability. If Transporter is required to curtail deliveries during the term of the Transportation Agreement and if curtailment is implemented for any reason, Transporter will not be liable for any damages caused by implementation of curtailment procedures as set forth herein except to the extent that such curtailment is shown to be the result of negligence or misfeasance by Transporter.

12.7 Transportation Requests. Procedures for requesting transportation service are set forth in Section 17 below. Each Shipper must complete a Transportation Request as set forth in Section 17 herein.

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

13. GAS RESEARCH INSTITUTE CHARGE ADJUSTMENT PROVISION

13.1 Purpose. Transporter has joined with other gas enterprises in the formation of and participation in the activities and financing of the Gas Research Institute (GRI), an Illinois not-for-profit corporation. GRI has been organized for the purpose of sponsoring Research, Development and Demonstration (RD and D) programs in the field of natural and manufactured gas for the purpose of assisting all segments of the gas industry in providing adequate, reliable, safe, economic and environmentally acceptable gas service for the benefit of gas consumers and the general public.

For the purpose of funding GRI's approved expenditures, this section establishes a GRI adjustment charge to be applicable to Transporter's rate schedules as contained in this FERC Gas Tariff, First Revised Volume No. 1-A: provided, however, such charge shall not be applicable to Shippers who participate in the activities and funding of GRI and which include in their rates a charge for RD and D by GRI.

13.2 Basis of the GRI Adjustment Charge. The rate schedules specified in Section 13.1 hereof shall include an increment for a GRI adjustment charge for RD and D. Such adjustment charge shall be that increment adjusted to Transporter's pressure base and heating value, if required, which has been approved by Federal Energy Regulatory Commission Orders approving GRI's RD and D expenditures. The GRI adjustment charge shall be reflected on Sheet No. 201 of this tariff.

13.3 Filing Procedure. The notice period and proposed effective date of filings pursuant to this subsection shall be as authorized or ordered by the Federal Energy Regulatory Commission. Any such filing shall not become effective unless it becomes effective without suspension or refund obligation.

13.4 Remittance to GRI. Transporter shall remit to GRI, not later than fifteen (15) days after the receipt thereof, all monies received by virtue of the GRI adjustment charge, less any amounts properly payable to a federal, state or local authority relating to the monies received hereunder.

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FERC Docket: RP92-224-001

**Sub Second Revised Sheet No. 419** Sub Second Revised Sheet No. 419 : Effective  
Superseding: First Revised Sheet No. 419

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

14. OPERATING CONDITIONS

14.1 Nomination Procedure for Gas Receipts and Deliveries. Nominating Party shall nominate to Transporter's Nomination personnel no later than 10 a.m. Mountain Time (Mountain Standard Time or Daylight Savings Time, whichever is currently effective), at least two working days in advance of the first calendar day of each month, the quantity of MMBtus of natural gas it desires to have transported from specific sources and Receipt Points to specific Delivery Points for the following month. During the month, Transporter will accept nomination changes no later than 10 a.m., Mountain Time, one day in advance of initiation or changes to service. In the event that Transporter determines that an emergency exists, Transporter may also accept late nomination changes after 10 a.m. Mountain Time if the existing operating conditions permit such changes without compromising the operation of the system.

All nominations are subject to the following conditions:

- (a) Transporter must determine that pipeline capacity is available pursuant to the Priority of Service provisions of Section 12 of the General Terms and Conditions.
- (b) Nominating Party/Shipper is responsible to ensure that the gas supply is available in sufficient quantity at the designated Receipt Points before the nominations are communicated to Transporter. Preceding the confirmation of nominations, Transporter has the right to verify consistency of each nomination with Transporter's service agreements with Shipper(s), availability of capacity up and downstream of Transporter's system, and the availability of mainline capacity necessary to transport the gas. Transporter may reject nominations if such information cannot be verified. Transporter will notify Receiving Party and/or Nominating Party and/or Shipper of the quantity that Transporter can receive and deliver, pursuant to the procedures in Section 14.4 below.
- (c) Nominating Party/Shipper is responsible for the accuracy of all nomination requests. Transporter will only receive nominations through Transporter's Northwest Passage PC Nomination System or by telecopy. All nomination information, except volume data, is considered correct and confirmed by Nominating Party when it is communicated to Transporter.

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Superseding: First Revised Sheet No. 420

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

14. OPERATING CONDITIONS (Continued)

14.2 Nomination Procedure for Interconnecting Pipelines. Transporter is interconnected to other pipelines which have different procedures for Shipper nominations which Transporter may be required to follow in order to receive or deliver transportation gas to such interconnects. This may require Shippers on Transporter's system to nominate in accordance with such interconnecting pipeline procedures in lieu of the procedures outlined in Section 14.1 above. Transporter will notify each affected Shipper when such action is necessary.

14.3 Nomination Changes After the Start of the Gas Day. Transporter will accept nomination changes after the start of the Gas Day subject to available pipeline capacity, supply availability and upstream/downstream pipeline confirmation and providing that confirmed commitments for delivery of gas to other Shippers will not be adversely affected. Such nominations shall be made by 11 a.m. Mountain Time to be effective no less than four hours after receipt of the nomination, to allow sufficient processing time and confirmation of upstream and downstream receipt and delivery availability.

Nomination changes will also be accepted during the gas day to allow for a change in receipt or delivery point to or from either the Jackson Prairie or Plymouth storage facility to manage daily imbalances to the extent existing transportation and storage obligations are not compromised.

14.4 Confirmation and Scheduling of Gas Receipts and Deliveries. All nominations are considered scheduled and confirmed for receipt and/or delivery when confirmations are made available to Nominating Party and/or Shipper and/or Receiving Party on Transporter's Northwest Passage PC Nomination System or via telecopy. Daily confirmations will be made by Transporter no later than 4 p.m. Mountain Time on the day prior to commencement of the gas day, subject to the timely receipt of upstream/downstream pipeline information.

14.5 Limitation Upon Transporter's Daily Transportation Obligation. Transporter shall not be obligated to deliver to Receiving Party or an interconnecting pipeline on any day a greater quantity of gas than it has received and scheduled for delivery. Transporter is not obligated to manipulate its pipeline operation in order for the Receiving Party to avoid unauthorized overruns as provided in Section 15 of the General Terms and Conditions, or the Receiving Party to avoid operating expenses of compression or other related facilities on its system.

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**First Revised Sheet No. 421** First Revised Sheet No. 421 : Effective  
Superseding: Original Sheet No. 421

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

14. OPERATING CONDITIONS (Continued)

14.6 Declared Entitlement Period. Transporter will notify Receiving Party during the scheduling and confirmation procedure when an interruption or curtailment is in effect due to capacity or supply constraints which jeopardize system integrity. If deliveries to Receiving Party exceed scheduled and authorized volumes during any day that such interruption or curtailment is in effect, the unauthorized overrun charge provisions as described in Section 15 of the General Terms and Conditions will apply.

14.7 Records of Scheduled Quantities. Transporter shall keep accurate records of the quantities of gas nominated and scheduled for transportation, and any imbalances, which records shall be made available to Receiving Party or Shipper upon request. If Receiving Party's gas is commingled with other gas at the point of receipt or at the point of delivery, the scheduling arrangements and Transporter's records shall include procedures for the allocation of the total quantity at such points. See Section 15 of the General Terms and Conditions.

14.8 Arrangements Prior to Receipt and After Delivery. It shall be Shipper's obligation to make arrangements with other parties for delivery of gas into Transporter's system at the Receipt Point(s) and for the receipt of gas after transportation at the Delivery Point(s). Shipper shall be obligated in such arrangements to require dispatching and operating coordination with Transporter and access to appropriate charts and records. Such arrangements shall not be accepted by Transporter unless found to be satisfactory by Transporter. Shipper shall pay for any and all third party services including, but not limited to compression, processing, gathering, transportation or assigned nominating and balancing responsibilities or services.

14.9 Operating Information and Estimates. Upon request of Transporter, Shipper shall from time to time submit its best estimates of the daily, monthly and annual volumes of gas to be transported, including peak day requirements, together with such other operating data as Transporter may require in order to schedule its operations.

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

14. OPERATING CONDITIONS (Continued)

14.10 System Operations and Storage. Transporter shall not be required to compress transportation gas into its pipeline, lower its system operating pressure, alter the direction of gas flow, or alter other operation or utilization of its facilities or otherwise change its normal pipeline operations in order to receive, transport or deliver gas hereunder.

Transporter shall utilize its system storage capacity to effectuate transportation to the extent that existing transportation and storage obligations are not compromised.

14.11 Receipt and Delivery Points. Refer to Section 2 of the General Terms and Conditions for operating procedures and pressures at receipt and delivery points.

14.12 Fuel Gas Reimbursement. In addition to the payments for transportation, Shipper shall reimburse Transporter for Shipper's pro rata share of fuel, including lost and unaccounted-for gas. Fuel use requirements factors ("Factors") shall be determined each year to become effective on April 1 of each year. A factor shall be established and amended annually for each Rate Schedule included in this tariff, and shall be set forth on Sheet No. 14. The Factors shall be calculated as follows:

(a) Projected fuel usage shall be determined for Transporter's mainline for the twelve months beginning April 1 of the upcoming year.

(b) Lost or gained and unaccounted-for volumes shall be determined for the prior calendar year.

(c) Volumes projected to be nominated for receipt by Transporter for transportation under each Rate Schedule shall be estimated for the twelve months beginning April 1 of the upcoming year.

(d) For Rate Schedules TF-1, TI-1 and T-1 and all transportation Rate Schedules included in Transporter's tariff, Volume No. 2, the fuel usage volumes calculated pursuant to (a) and (b), above, shall be divided by the mainline throughput volumes under such Rate Schedules derived in (c), above, to derive the fuel usage factor for such Rate Schedules.

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Superseding: Original Sheet No. 422-A

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

14. OPERATING CONDITIONS (Continued)

(e) All projected data shall include true-up adjustments for variances between fuel reimbursements and fuel used, for the prior calendar year, except that underrecoveries or over-recoveries of fuel used before April 1, 1993 shall not be trued up.

14.13 Balancing. Balancing of thermally equivalent volumes of gas received and delivered shall be achieved as nearly as feasible on a daily basis, with any cumulative imbalance accounted for as provided in Section 15.

14.14 System Integrity. Nothing herein shall limit Transporter's right to take actions or to require Shippers hereunder to take actions of whatever nature may be required to correct any situations which may threaten the operation or integrity of its system, including maintenance of service to other customers.

14.15 Disaster Recovery Procedures. In the event of a disaster such that Transporter's communication capability is not available for confirmation and scheduling of gas receipts and deliveries, nominations will remain in effect as confirmed for the most current day, unless alternate emergency communication methods are established. Transporter may also place a declared entitlement on the system until normal communications are restored.

14.16 Interconnect Balancing Agreements. Transporter may enter into and operate pursuant to interconnect balancing agreements with other pipelines or gas suppliers relating to operating procedures governing nominating, scheduling and balancing for the receipt or delivery of gas at points of interconnection.

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

15. DETERMINATION OF DELIVERIES AND IMBALANCES

15.1 Determination of Deliveries. This section applies to those situations where the gas delivered by Transporter into the facilities of any Receiving Party is applicable to more than one transportation and/or sales agreement.

Transporter shall attribute the total volume of gas delivered to Receiving Party each day to each purchase or transportation agreement in the following sequence as applicable:

- (a) First - The volume of gas scheduled for delivery by Nominating Party and Transporter under Transporter's Sales Rate Schedules.
- (b) Second - The volume of gas scheduled for delivery by Nominating Party and Transporter under Transporter's Storage Rate Schedules.
- (c) Third - The volume of gas scheduled for delivery by Nominating Party and Transporter under transportation agreements for firm transportation.
- (d) Fourth - The volume of gas scheduled for delivery by Nominating Party and Transporter under transportation agreements for interruptible transportation where Shipper is not a customer under Transporter's Rate Schedule ODL-1 or DS-1.
- (e) Fifth - The volume of gas scheduled for delivery by Nominating Party and Transporter under transportation agreements for interruptible transportation where Receiving Party is also a customer under Transporter's Rate Schedule ODL-1 or DS-1.



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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

15. DETERMINATION OF DELIVERIES AND IMBALANCES (Continued)

15.2 Imbalances and Penalties at Delivery Points. Penalties and overrun charges as described in Sections 15.3 and 15.4 will be levied by Transporter against the Receiving Party who controls the facilities into which gas is delivered. If the Receiving Party incurs either an overage or underage in takes from Transporter, due to a failure to take quantities of gas equivalent to the total of all Nominating Party nominations for deliveries into its facilities, such penalties and overrun charges will be applied as described in Sections 15.3 and 15.4. If Receiving Party has more than one sales or transportation service agreement with Transporter, all imbalances will be on that agreement with Receiving Party which is last in the determination of deliveries categories, as per Section 15.1, unless otherwise agreed upon by the parties. Notwithstanding the foregoing, if Receiving Party does not have a sales or transportation agreement with Transporter, Shippers transporting gas to such Receiving Party's facilities shall be deemed Receiving Parties and shall be responsible for any imbalances and associated penalties and overrun charges.

Transporter may in its sole good faith judgement waive any penalties hereunder and shall waive any penalties due to imbalances which result from errors made by Transporter or which result from force majeure invoked by either Transporter or Receiving Party.

15.3 Monthly Imbalances and Penalties. If Receiving Party's or Shipper's cumulative imbalances in any month are more than 5 percent above or below total nominations for that month, Transporter shall notify Receiving Party that imbalances exceed allowed tolerances. Such notice shall be provided by the fifteenth day of the month following the month service is rendered. Transporter will notify Receiving Party of any imbalances, and specify whether a penalty situation exists. Receiving Party will be given 45 days to eliminate any imbalances. If at the end of such 45-day period Receiving Party remains in a penalty situation, Receiving Party shall pay a penalty to Transporter equal to twice the then-effective ODL-1 Commodity rate on the imbalance over 5%, as described above.

Imbalances shall be cumulative and Receiving Party must specifically adjust nominations as necessary to eliminate such imbalances; however, if Receiving Party fails to eliminate imbalances within the allowed period referenced above, Transporter shall have the right to adjust nominations, receipts or deliveries in order to achieve a balance in addition to any penalties applied hereunder.

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**First Revised Sheet No. 424** First Revised Sheet No. 424 : Suspended  
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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

15.DETERMINATION OF DELIVERIES AND IMBALANCES (Continued)

15.2 Imbalances and Penalties at Delivery Points. Penalties and overrun charges as described in Sections 15.3 and 15.4 will be levied by Transporter against the Receiving Party who controls the facilities into which gas is delivered. If the Receiving Party incurs either an overage or underage in takes from Transporter, due to a failure to take quantities of gas equivalent to the total of all Nominating Party nominations for deliveries into its facilities, such penalties and overrun charges will be applied as described in Sections 15.3 and 15.4. If Receiving Party has more than one sales or transportation service agreement with Transporter, all imbalances will be on that agreement with Receiving Party which is last in the determination of deliveries categories, as per Section 15.1, unless otherwise agreed upon by the parties. Notwithstanding the foregoing, if Receiving Party does not have a sales or transportation agreement with Transporter, Shippers transporting gas to such Receiving Party's facilities shall be deemed Receiving Parties and shall be responsible for any imbalances and associated penalties and overrun charges.

Transporter may in its sole good faith judgement waive any penalties hereunder and shall waive any penalties due to imbalances which result from errors made by Transporter or which result from force majeure invoked by either Transporter or Receiving Party.

15.3 Monthly Imbalances and Penalties. If Receiving Party's or Shipper's cumulative imbalances in any month are more than 5 percent above or below total nominations for that month, Transporter shall notify Receiving Party that imbalances exceed allowed tolerances. Such notice shall be provided by the fifteenth day of the month following the month service is rendered. Transporter will notify Receiving Party of any imbalances, and specify whether a penalty situation exists. Receiving Party will be given 45 days to eliminate any imbalances. If at the end of such 45-day period Receiving Party remains in a penalty situation, Receiving Party shall pay a penalty to Transporter equal to \$10 per MMBtu on the imbalance over 5%, as described above.

Imbalances shall be cumulative and Receiving Party must specifically adjust nominations as necessary to eliminate such imbalances; however, if Receiving Party fails to eliminate imbalances within the allowed period referenced above, Transporter shall have the right to adjust nominations, receipts or deliveries in order to achieve a balance in addition to any penalties applied hereunder.

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GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

15. DETERMINATION OF DELIVERIES AND IMBALANCES (Continued)

15.4 Daily Overrun Provisions.

- (a) Unauthorized Overrun Volume. If, on any day, the total quantity of gas taken by Receiving Party from Transporter determined pursuant to Section 15.1 of this FERC Gas Tariff exceeds the total quantity of gas which Receiving Party is entitled to take on such day as defined below, then all gas taken in excess of such entitlement shall constitute unauthorized overrun volume.
- (b) Receiving Party's Daily Entitlement. The total quantity of gas which Receiving Party is entitled to take from Transporter on any day consists of the sum of the following quantities:
  - (i) Receiving Party's or Shipper's Contract Demand under Transporter's Rate Schedule ODL-1 or DS-1.
  - (ii) The volumes of gas authorized for delivery to Receiving Party on such day under Transporter's Storage Rate Schedules.
  - (iii) The volume of gas authorized by Transporter's dispatcher for delivery to Receiving Party on such day under transportation agreements for firm transportation.
  - (iv) The volume of gas authorized for delivery to Receiving Party on such day under transportation agreements for interruptible transportation where Receiving Party is not a customer under Transporter's Rate Schedule ODL-1 or DS-1.
  - (v) The volume of gas authorized for delivery to Receiving Party on such day under transportation agreements for interruptible transportation where Receiving Party is also a customer under Transporter's Rate Schedule ODL-1 or DS-1.

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

15. DETERMINATION OF DELIVERIES AND IMBALANCES (Continued)

15.4 Daily Overrun Provisions. (Continued)

If Receiving Party is receiving gas or service under some, but not all, of such rate schedules or transportation agreements, Receiving Party's entitlement shall be determined as the sum of the respective quantities shown above for only those rate schedules which are applicable.

- (c) Daily Unauthorized Overrun Charge. The Daily Unauthorized Overrun Charge shall apply only when Transporter has ordered or required any interruption or curtailment, either as a result of capacity constraints or supply interruption applicable to any Receiving Party, and has so notified such Receiving Party during the nomination and confirmation process. This charge is not intended to apply to occasional/minor supply interruptions which would not have a detrimental impact on Transporter's operations or on other Receiving Parties. Under such circumstances, Transporter would not notify Receiving Party that curtailment or interruption is in effect.

Receiving Party shall pay Transporter for all unauthorized overrun gas, as defined in Section 15.4(a) above, the following amounts in addition to the amounts otherwise payable by Receiving Party to Transporter under Transporter's applicable rate schedules, subject only to the Exception provisions set forth in (d) below:

- (i) For that part of the unauthorized overrun volume which is at least 3% in excess of Receiving Party's entitlement for such day as set forth in Section 15.4(b), up to 5% of Receiving Party's entitlement for such day as set forth in Section 15.4(b), an amount of \$5.00 per MMBtu.
- (ii) For that part of the unauthorized overrun volume which is at least 5% in excess of Receiving Party's entitlement for such day as set forth in Section 15.4(b), an amount of \$10.00 per MMBtu.

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

15. DETERMINATION OF DELIVERIES AND IMBALANCES (Continued)

15.4 Daily Overrun Provisions. (Continued)

- (d) Exception. The Daily Unauthorized Overrun Charge provided in Section 15.4(c) shall not apply on any day when either (i) or (ii) below is applicable:
  - (i) When the unauthorized overrun volume on the particular day does not exceed 3% of Receiving Party's entitlement for such day as set forth in Section 15.4(b), or 150 MMBtus, whichever is larger.
  - (ii) If Transporter has not ordered or required any curtailment or reduction whatsoever with respect to Receiving Party's daily entitlement.

15.5 Imbalances at Termination of Agreement. Transporter and Shipper shall eliminate any cumulative imbalance between receipts and takes of gas within 60 days after the transportation service agreement terminates. At the end of the 60-day period, any gas which was delivered by Transporter to Receiving Party but for which equivalent volumes were not received by Transporter from Shipper shall be paid for by Shipper at Transporter's currently effective ODL-1 Commodity rate. Shipper shall pay such amount within 10 days after receipt of such bill. Any gas received by Transporter in excess of that delivered to Receiving Party for Shipper which remains in Transporter's system at the end of the 60-day period shall become the property of Transporter at no cost to Transporter and free and clear of any adverse claims related thereto.

15.6 Imbalances With Other Parties. Transporter shall not be responsible for eliminating any imbalances in volumes transported that accrue between Receiving Party or Shipper and any other party, including without limitation any volume imbalances that accrue between local distribution companies and specific end-users or between producers or pipelines and local distribution companies or end-users. Furthermore, Transporter shall not be obligated to adjust or deviate from its standard operating and accounting procedures in order to alleviate any such imbalances or sales deficiencies.

Effective Date: 11/25/1990 Status: Effective

FERC Docket: GT91- 5-001

**Original Sheet No. 428** Original Sheet No. 428 : Effective

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

16. FERC ANNUAL CHARGE ADJUSTMENT

- 16.1 Purpose. For the purpose of funding Northwest's share of the Federal Energy Regulatory Commission's gas program costs, this section establishes an Annual Charge Adjustment ("ACA") provision to be applicable to Transporter's rate schedules as contained in this FERC Gas Tariff, First Revised Volume No. 1-A.
- 16.2 Basis of the Annual Charge Adjustment. The rate schedules specified in Section 16.1 hereof shall include an increment for ACA charges as required by the Federal Energy Regulatory Commission. Such adjustment charge shall be that increment adjusted to Transporter's pressure base and heating value, if required, which is listed on the Commission's Annual Charges Billing. The ACA charge shall be reflected on Sheet No. 201 of this tariff.
- 16.3 Filing Procedure. The notice period and proposed effective date of filings pursuant to this subsection shall be as authorized or ordered by the Federal Energy Regulatory Commission. Any such filing shall not become effective unless it becomes effective without suspension or refund obligation.
- 16.4 Remittance to the Federal Energy Regulatory Commission. Northwest shall remit to the Federal Energy Regulatory Commission, on/or before the date which is specified on the Annual Charges Billing, the Total Annual Charge stated on such billing.
- 16.5 Accounting Procedures. Transporter will record annual charges in FERC Account No. 928. Pursuant to Section 154.38 (d)(6)(ii)(A) of the Commission's regulations, Transporter will not attempt to recover any annual charges previously recorded in Account No. 928 in a NGA Section 4 rate case.

Effective Date: 01/31/1992 Status: Effective

FERC Docket: MT88- 11-015

**Second Revised Sheet No. 429** Second Revised Sheet No. 429 : Effective  
Superseding: First Revised Sheet No. 429

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

17. TRANSPORTATION REQUESTS AND AFFILIATE TRANSACTIONS

17.1 Marketing Entities Related to Transporter. Transporter is affiliated through a corporate parent organization, "The Williams Companies, Inc.", with corporations which engage in marketing or brokering as defined in Section 161.2 of the Commission's Regulations ("Marketing Affiliates"). All offices of the officers and personnel of Transporter are physically separated from offices of the Marketing Affiliates. No officers, operating personnel or facilities are shared by Transporter and its Marketing Affiliates.

17.2 Information to be Supplied by Shipper. All requests for transportation under rate schedules contained in this Volume No. 1-A shall be made to Transporter in writing. At the time of request for transportation, Shipper or any agent of Shipper entering into a transportation contract shall warrant that Shipper has title, or the right to acquire title, to the gas that is to be transported. Shipper may either complete a "NORTHWEST PIPELINE CORPORATION Transportation Request" and Exhibits A, B and C, or in lieu of the completed forms, provide to Transporter in writing, the same information required on a "NORTHWEST PIPELINE CORPORATION Transportation Request" and Exhibits A, B and C. The form of such transportation request and related exhibits is set forth in Original Sheet Nos. 440 through 446 herein. Each request shall be considered effective on the date the following information and fees as set forth in items (a) through (k) are received by Transporter's Transportation and Contract Administration Department:

- (a) Whether or not a marketing affiliate of Transporter is involved in the transaction.

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

17. TRANSPORTATION REQUESTS AND AFFILIATE TRANSACTIONS (Continued)

17.2 Information to be Supplied by Shipper. (Continued)

- (b) Shipper's identity, i.e. local distribution company, interstate pipeline, an intrastate pipeline, an end-user, a producer, a marketer or other.
- (c) The maximum daily quantity (MDQ) requested to be transported, the estimated maximum annual quantity (MAQ) to be transported, and the total contract volumes requested to be transported over the life of the contract.
- (d) The producing area(s) of the source of the gas requested to be transported, to be updated by Shipper.
- (e) The date service requested by Shipper is to commence and terminate.
- (f) Shipper's list of all receipt and delivery points between which the gas is requested to be transported by Transporter.
- (g) Whether Shipper is requesting firm or interruptible service.
- (h) The State of the ultimate end user of the gas, to be updated by Shipper.
- (i) The identity of Transporter's rate schedules for such service requested by Shipper.
- (j) With respect to requests for firm transportation, copies of the gas purchase, sales, and transportation agreements (or letters of intent evidencing such agreements) which support the Shipper's request. Such copies may be provided with commercially sensitive provisions excluded, so long as the remaining language is sufficient to indicate that Shipper has entered into bona fide purchase, sales and transportation contracts.



Effective Date: 06/02/1991 Status: Effective  
FERC Docket: RP91-150-000

**First Revised Sheet No. 431** First Revised Sheet No. 431 : Effective  
Superseding: Original Sheet No. 431

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

17. TRANSPORTATION REQUESTS AND AFFILIATE TRANSACTIONS (Continued)

17.2 Information to be Supplied by Shipper. (Continued)

- (k) A prepayment fee, equal to the reservation charge due for a one-year period or the term of the agreement whichever is less (not to exceed \$10,000) for each firm transportation agreement. The prepayment fee shall be applied to the reservation charge due for the first year or the term of the agreement as applicable or refunded if said transportation agreement is not executed within 45 days of the date of the request.

Transporter may waive the requirements of 17.2(j) and (k) for good cause. Any such waivers herein granted will be reported as required.

17.3 Information to be Maintained by Transporter. Transporter will maintain and update a transportation log on all requests for transportation service pursuant to the Commission's regulations in 18 CFR 250.16(b)(6) and (c)(1). The log will contain the information provided by Shipper pursuant to Section 17.2(a)-(k), in addition to the following information to be supplied by Transporter:

- (a) The date of receipt of Shipper's request for transportation service by Transporter.
- (b) The date Shipper's request was accepted as valid by Transporter.
- (c) Current status of Shipper's request provided by Transporter, i.e., complete, incomplete, waiting service, facilities required, withdrawn, capacity unavailable, other.

Effective Date: 11/25/1990 Status: Effective

FERC Docket: GT91- 5-000

Original Sheet No. 432 Original Sheet No. 432 : Effective

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

17. TRANSPORTATION REQUESTS AND AFFILIATE TRANSACTIONS (Continued)

17.3 Information to be Maintained by Transporter. (Continued)

- (d) The position of Shipper's request in the transportation request queue.
- (e) Transporter's disposition of Shipper's request, including the date Shipper was notified of availability of capacity, the date the contract was executed, the date transportation service actually commenced.
- (f) Any complaints by the Shipper or end user concerning the requested or furnished service and the disposition of such complaints, pursuant to the complaint procedure in Section 18.
- (g) Whether the transportation service is being requested, offered or provided at discounted rates, duration of the discount requested, offered or provided, the maximum rate or fee, the rate or fee actually charged during the billing period and the quantity of gas scheduled at the discounted rate during the billing period for each delivery point, to be obtained from Transporter's monthly billing records.
- (h) Whether and by how much the cost of gas to Transporter's marketing affiliate exceeds the price received for the sale of the gas by the marketing affiliate, after deducting associated costs, including those incurred for transportation.
- (i) The extent of Requestor, Shipper or Supplier's affiliation with Transporter, if applicable.

Effective Date: 01/21/1993 Status: Effective  
FERC Docket: MT88- 11-017

**First Revised Sheet No. 433** First Revised Sheet No. 433 : Effective  
Superseding: Original Sheet No. 433

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

17.4 Public Access to Transportation Information.

- (a) Transporter shall maintain a transportation log, pursuant to Section 250.16(b)(6) of the Commission's regulations. Transporter will maintain and update an electronic 24-hour access system to such transportation log. Shipper can access this information by calling U.S. GASNET, 303-368-9964.
- (b) Transporter's transportation rates are set forth on Sheet No. 201 of its FERC Gas Tariff, First Revised Volume No. 1-A. If Transporter posts generally applicable discounted rates, notice shall be given via Transporter's electronic bulletin board, as specified in Section 17.4(a) above. Other discounts will be negotiated on a case-by-case basis.
- (c) Transporter has very limited capacity on its system available for firm transportation. Any shipper desiring firm transportation should submit a written request for such service which will be evaluated by Transporter.
- (d) Requests for interruptible transportation greatly exceed capacity on Transporter's system. Therefore, capacity is available only pursuant to the priority of service procedures set forth in Section 12. Any inquiries concerning the daily availability of interruptible capacity should be directed to Transporter's Nominations Department.

Effective Date: 01/21/1993 Status: Effective

FERC Docket: MT88- 11-017

**Fourth Revised Sheet No. 434** Fourth Revised Sheet No. 434 : Effective  
Superseding: Third Revised Sheet No. 434

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

18. COMPLAINT PROCEDURES

18.1 Shippers are first encouraged to work with Transporter to resolve problems on an informal basis, prior to filing a formal complaint.

18.2 In the event of an unresolved problem, Shipper should submit a complaint in writing to Transporter at the following address:

Attention: Manager, Transportation and Contract Administration  
Northwest Pipeline Corporation  
P.O. Box 58900  
295 Chipeta Way  
Salt Lake City, UT 84158-0900

The complaint will be logged pursuant to Section 250.16 of the Commission's regulations, upon receipt by Transporter. Such complaint shall state that it constitutes a complaint pursuant to this procedure.

18.3 Transporter will respond initially within 48 hours and in writing within 30 days to such complaints.

18.4 If Shipper has exhausted all options in Sections 18.1-3, further discussion may be pursued with the Director, Marketing Services.

Effective Date: 01/01/1993 Status: Effective

FERC Docket: RP93- 35-001

**Second Revised Sheet No. 435** Second Revised Sheet No. 435 : Effective  
Superseding: First Revised Sheet No. 435

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

19. SUPPLIER SETTLEMENT PAYMENT RECOVERY MECHANISM

- 19.1 Purpose. This Section of the General Terms and Conditions sets forth the procedures (a) to reflect charges associated with the recovery of Transporter's Supplier Settlement Payments and (b) by which Transporter will adjust the charges in order to reflect Transporter's actual Supplier Settlement Payments and associated interest charges. Transporter reserves the right to modify any provision contained in this Section 19 and any calculations or rates resulting therefrom to reflect any changes required by Commission or court orders issued subsequent to the effective date of this Section 19.
- 19.2 Definitions. The definition of terms applicable to this Section are as follows:
- (a) Suppliers - Any entity providing natural gas to Transporter under a contractual arrangement.
  - (b) Supplier Settlement Payments (SSP) - The consideration expended or to be expended by Transporter to reach settlements with Suppliers, which settlements buyout or buydown the terms and/or obligations of contract(s) between Transporter and any of its Suppliers. Transporter will not seek to recover any amounts related to punitive damages or penalties.
  - (c) Commodity SSP Surcharge - A commodity charge reflected on Sheet No. 201 of this Volume No. 1-A Tariff which is based on 50 percent of Supplier Settlement Payments for all settlements submitted in connection with Docket Nos. RP89-137, RP89-219, RP90-50, and RP90-90; and is based on 75 percent of Supplier

Effective Date: 01/01/1993 Status: Effective  
FERC Docket: RP93- 35-001

**Second Revised Sheet No. 436** Second Revised Sheet No. 436 : Effective  
Superseding: Substitute First Revised Sheet No. 436  
GENERAL TERMS AND CONDITIONS  
(Continued)

19. SUPPLIER SETTLEMENT PAYMENT RECOVERY MECHANISM (Continued)

19.2 Definitions. (Continued)

Settlement Payments submitted in connection with subsequent cost recovery filings submitted pursuant to provisions of Order Nos. 500 and 528, et al., including carrying charges on such amounts.

- (d) Annual Recovery Period (Commodity SSP Surcharge) - The period beginning on the April 1, 1989 effective date and ending on March 31, 1990 and each April 1 through March 31 period thereafter, with the last such annual period to end March 31, 1994.1/
- (e) Total Recovery Period (Commodity SSP Surcharge) - The five (5) year period commencing April 1, 1989 and ending March 31, 1994.1/
- (f) Commodity SSP Account - An account maintained by Transporter comprised of (1) the applicable percentage, as defined in paragraph (c) above, of the total SSP as defined in paragraph (b) above, (2) adjustments for recoverable amounts included in Transporter's Commodity SSP Surcharges and (3) interest commencing April 1, 1989, for all Supplier Settlement Payments incurred by March 31, 1989, or commencing on the effective date of the tariff sheets included in each of Transporter's tariff filings which seek recovery of additional Supplier Settlement Payments incurred after March 31, 1989, computed on the monthly unrecovered balance in Transporter's Commodity SSP Account.
- (g) Affected Rate Schedules - The charges pursuant to this Section affect Transporter's rate schedules included on Sheet No. 201 of this FERC Gas Tariff First Revised Volume No. 1-A.

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1/ Transporter reserves the right to file for extended recovery periods in the event that material SSP costs which result from the conclusion of matters in litigation or arbitration are incurred by Seller in the latter portion of the initial recovery period.

Effective Date: 01/01/1993 Status: Effective  
FERC Docket: RP91-166-019

**First Rev First Rev Sheet No. 437** First Rev First Rev Sheet No. 437 : Effective  
Superseding: First Revised Sheet No. 437

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

19. SUPPLIER SETTLEMENT PAYMENT RECOVERY MECHANISM (Continued)

19.2 Definitions. (Continued)

(h) Interest Rate - The quarterly interest rate published by the Federal Energy Regulatory Commission and computed in accordance with Section 154.67(c) of its regulations.

19.3 Determination of the Commodity SSP Surcharge. Transporter shall determine the Commodity SSP Surcharge to be applicable for the Total Recovery Period of April 1, 1989 through March 31, 1994, by the following procedure:

(a) The Commodity SSP Surcharge for the Total Recovery Period shall be based upon the applicable percentage, as defined in paragraph (c) of subsection 19.2 herein, of the total SSP as defined in paragraph (b) of subsection 19.2 herein. The Total Commodity SSP Account balance at March 31, 1989 shall then be divided by twenty (20), (the total number of calendar year quarters within the total Recovery Period) to obtain the initial surcharge rate and to assign equal principal amounts to each quarterly recovery period. Transporter shall then calculate a Commodity SSP Surcharge to be effective each January 1, April 1, July 1 and October 1 of the Total Recovery Period by dividing (1) the total principal amount of the Commodity SSP Account that is assignable to each quarterly recovery period plus the applicable carrying charges calculated pursuant to Section 154.67(c) of the Commissions regulations by (2) one-fourth of the total commodity billing determinants utilized in its most recent rate case. Transporter shall adjust the Commodity SSP Surcharge on each quarterly effective date to reflect revisions to the appropriate interest rate and to reflect additions to the Commodity SSP Account from the previous quarter. The principal portion of any additional SSP costs will be allocated evenly among the quarterly recovery periods that remain in the Total Recovery Period.

Effective Date: 04/01/1993 Status: Suspended  
FERC Docket: RP93- 5-000

**Second Revised Sheet No. 437** Second Revised Sheet No. 437 : Suspended  
Superseding: First Revised Sheet No. 437

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

19.SUPPLIER SETTLEMENT PAYMENT RECOVERY MECHANISM (Continued)

19.2 Definitions. (Continued)

(h) Interest Rate - The quarterly interest rate published by the Federal Energy Regulatory Commission and computed in accordance with Section 154.67(c) of its regulations.

19.3 Determination of the Commodity SSP Surcharge. Transporter shall determine the Commodity SSP Surcharge to be applicable for the Total Recovery Period of April 1, 1989 through March 31, 1994, by the following procedure:

(a) The Commodity SSP Surcharge for the Total Recovery Period shall be based upon the applicable percentage, as defined in paragraph (c) of subsection 19.2 herein, of the total SSP as defined in paragraph (b) of subsection 19.2 herein. The Total Commodity SSP Account balance at March 31, 1989 shall then be divided by twenty (20), (the total number of calendar year quarters within the total Recovery Period) to obtain the initial surcharge rate and to assign equal principal amounts to each quarterly recovery period. Transporter shall then calculate a Commodity SSP Surcharge to be effective each January 1, April 1, July 1 and October 1 of the Total Recovery Period by dividing (1) the total principal amount of the Commodity SSP Account that is assignable to each quarterly recovery period plus the applicable carrying charges calculated pursuant to Section 154.67(c) of the Commissions regulations by (2) one-fourth of the total commodity billing determinants utilized in its most recent rate case. Transporter shall adjust the Commodity SSP Surcharge on each quarterly effective date to reflect revisions to the appropriate interest rate and to reflect additions to the Commodity SSP Account from the previous quarter. The principal portion of any additional SSP costs will be allocated evenly among the quarterly recovery periods that remain in the Total Recovery Period.



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FERC Docket: RP91- 66-000

**First Revised Sheet No. 438** First Revised Sheet No. 438 : Effective  
Superseding: Original Sheet No. 438

GENERAL TERMS AND CONDITIONS  
(Continued)

19. SUPPLIER SETTLEMENT PAYMENT RECOVERY MECHANISM (Continued)

19.3 Determination of the Commodity SSP Surcharge (Continued)

(b) The Commodity SSP Surcharge is set forth on Sheet No. 201 of this FERC Gas Tariff First Revised Volume No. 1-A. Transporter shall adjust the Commodity SSP Surcharges in accordance with the provision as set forth in Paragraph (a) above.

19.4 Establishment of a Commodity SSP Account. Transporter shall establish a separate Commodity SSP Account. The initial balance in the SSP Account shall be the total amount as defined in paragraph (a) of subsection 19.3 herein. Beginning in April 1989 and for each month thereafter, the subaccount balance of the Commodity SSP Account shall be (i) increased by the applicable percentage, as defined in paragraph (c) of subsection 19.2 herein, of SSP costs incurred by Transporter and not previously included, (ii) decreased by amounts recoverable by Transporter from Shippers in the form of SSP surcharges, and (iii) increased by the amount of carrying charges calculated accordance with Section 154.67(c) of the Commission's regulations.

19.5 Filing Procedure. Transporter shall adhere to the Filing Procedures outlined below when adjusting the Commodity SSP Surcharge.

(a) At least thirty (30) days prior to the effective date of any Commodity SSP Surcharge adjustment to be effective pursuant to Subsection 19.3 herein, Transporter shall file with the Commission and post, as defined by Section 154.16 of the Commission's regulations, a revised Sheet No. 201 to set forth a revised Commodity SSP Surcharge under the Applicable Rate Schedules. Transporter shall file the aforementioned sheets to be effective for each January 1, April 1, July 1 and October 1 that fall within the Total Recovery Period.

Effective Date: 11/25/1990 Status: Effective

FERC Docket: GT91- 5-000

**Original Sheet No. 439** Original Sheet No. 439 : Effective

GENERAL TERMS AND CONDITIONS  
(Continued)

19. SUPPLIER SETTLEMENT PAYMENT RECOVERY MECHANISM (Continued)

19.5 Filing Procedure. (Continued)

- (b) At least thirty (30) days prior to the effective date of any change in rates that results in an adjustment to the effective billing determinants, Transporter shall file a revised Sheet No. 201 to adjust the Commodity SSP Charge, to reflect revisions to the commodity volume billing determinants.

In no event shall Transporter adjust the SSP Commodity Charge to carry forward the effect of over or under-collections of the principal amount of the Commodity SSP Account that was collectable by Transporter in a prior quarter or prior Annual Recovery Period.

- 19.6 Prudence Challenges. In the event any Shipper challenges the prudence of any SSP costs, or is bound by a state or local rate setting agency or consumer advocate group that challenges the prudence of any SSP costs, and the prudence of the cost is upheld, Transporter shall be permitted to recover from Shipper such Shipper's proportionate share of all SSP costs including costs which Transporter would otherwise be required to absorb.

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FERC Docket: GT91- 5-000

Original Sheet No. 440 Original Sheet No. 440 : Effective

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(CONTINUED)

NORTHWEST PIPELINE CORPORATION  
Transportation Request

Shipper Information

1. Shipper Name: \_\_\_\_\_  
(Legal Name of Party who will be signing Agreement)

(a) Requester: \_\_\_\_\_  
(if other than Shipper)

2. Shipper is (Check One)

_____ End User	_____ Hinshaw Pipeline
_____ LDC	_____ Producer
_____ Interstate Pipeline	_____ Marketer
_____ Intrastate Pipeline	_____ Other _____ (please specify)

3. Shipper's Contact Person \_\_\_\_\_  
Phone Number (\_\_\_\_) \_\_\_\_\_  
Telecopy Number (\_\_\_\_) \_\_\_\_\_

4. Address: Notices to: \_\_\_\_\_  
P.O. Box & Zip \_\_\_\_\_  
Street & Zip \_\_\_\_\_  
City, State \_\_\_\_\_  
Attention \_\_\_\_\_

Invoices to: \_\_\_\_\_  
P.O. Box & Zip \_\_\_\_\_  
Street & Zip \_\_\_\_\_  
City, State \_\_\_\_\_  
Attention \_\_\_\_\_

Regulatory/"On Behalf of" Information

5. Shipper hereby requests:

- \_\_\_\_\_ Section 311 transportation pursuant to Section 284.102 for service on behalf of a local distribution company or an intrastate pipeline.
- \_\_\_\_\_ Open access transportation pursuant to Section 284.222 for service on behalf of an interstate pipeline.
- \_\_\_\_\_ Open access transportation pursuant to Section 284.223 for service on behalf of a shipper other than an interstate pipeline.

6. If service is requested pursuant to Section 284.102 above, identify the "on behalf of" party associated with the transportation service requested:

Legal Name: \_\_\_\_\_

Effective Date: 01/17/1992 Status: Effective  
FERC Docket: RP92- 27-001

**Substitute First Revised Sheet No. 441** Substitute First Revised Sheet No. 441 : Effective  
Superseding: Original Sheet No. 441

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

Note: Whether or not the "on behalf of" party listed above is the Shipper submitting this request, attach an original letter signed by an official of such "on behalf of" party on its letterhead. This letter must warrant that such "on behalf of" party is either an intrastate pipeline as defined by Section 2(16) of the NGPA or a local distribution company as defined by Section 2(17) of the NGPA. It must also state that such "on behalf of" party has authorized the Shipper to enter into the requested transportation agreement in order to have Section 311(a) transportation service rendered on behalf of such "on behalf of" party by Northwest Pipeline Corporation and that "(1) the intrastate pipeline or local distribution company will have physical custody of and transport the natural gas at some point; or (2) the intrastate pipeline or local distribution company will hold title to the natural gas at some point, which may occur prior to, during, or after the time that the gas is being transported by the interstate pipeline, for a purpose related to its status and functions as an intrastate pipeline or its status and functions as a local distribution company; or (3) the gas will be delivered at some point to a customer that either is located in a local distribution company's service area or is physically able to receive direct deliveries of gas from an intrastate pipeline, and that the local distribution company or intrastate pipeline certifies that it is on its behalf that the interstate pipeline is providing transportation service.

Service Information

7. (a) Type of Service (Check One):  TI-1 Interruptible (Go to Item 8)  
 TF-1 Firm (Complete Item 7(b))
- (b) If Firm service is requested it represents (Check One):  
 Firm Service (Service unrelated to CD conversions available to firm sales customers of Northwest Pipeline Corporation.)  
 CD Conversion by a firm sales customer of Northwest Pipeline Corporation.
8. This request is for (Check One):  New Service  
 Amendment of Existing Service

If Amendment of Existing Service is checked, complete the following:

Agreement No. \_\_\_\_\_  
Agreement Date \_\_\_\_\_  
Increase MDQ from \_\_\_\_\_ MMBtu/day to \_\_\_\_\_ MMBtu/day  
Decrease MDQ from \_\_\_\_\_ MMBtu/day to \_\_\_\_\_ MMBtu/day  
Receipt Point Addition/Deletion Yes  No   
Delivery Point Addition/Deletion Yes  No   
Other (Specify) \_\_\_\_\_

9. Requested Term of Service: Commencement Date (\_\_\_\_/\_\_\_\_/\_\_\_\_)  
Termination Date (\_\_\_\_/\_\_\_\_/\_\_\_\_)  
(these must be dates)
- Evergreen Provision Requested  Yes  
 No
10. Requested Maximum Daily Quantity ("MDQ") (For firm service this will be the summation of the individual Receipt Point to Delivery Point MDQ's. Complete Exhibit "C" for firm service.)  
\_\_\_\_\_ MMBtu/day
- Estimated Maximum Annual Quantity: \_\_\_\_\_ MMBtu's
- Requested Maximum Quantity over life of agreement: \_\_\_\_\_ MMBtu's

Effective Date: 06/02/1991 Status: Effective  
FERC Docket: RP91-150-000

**First Revised Sheet No. 442** First Revised Sheet No. 442 : Effective  
Superseding: Original Sheet No. 442

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

11. Complete Exhibit "A" specifying the Receipt Points requested.
12. Complete Exhibit "B" specifying the Delivery Points requested.

Prepayment Fee for Firm Service

13. If firm service is requested a prepayment fee must accompany the request before it will be deemed complete. A prepayment fee, equal to the reservation charge due for a one-year period or the term of the agreement whichever is less (not to exceed \$10,000.00), will be due for each firm transportation agreement. The prepayment fee shall be applied to the reservation charge due for the first year of the term of the agreement as applicable or refunded if said transportation agreement is not executed within 45 days of the date of the request.

Warranty of Title to Gas

14. By signing and submitting this transportation request form, Shipper hereby warrants that Shipper has title, or the right to acquire title, to the gas that is to be transported.

Establishment of Credit

15. Shipper must establish a credit limit satisfactory to Northwest pursuant to Section 5.9 of Northwest's General Transportation Terms and Conditions. Therefore, prior to execution of the transportation agreement, Shipper may be required to furnish a completed Credit Application and such other information or advance deposits as Northwest may require.

New Facilities

16. Does any requested receipt or delivery point require the installation or modification of any facilities (e.g. tap, measurement, or other) in order for it to be utilized?

\_\_\_\_\_ Yes \_\_\_\_\_ No

If "Yes" is checked, a separate facilities agreement may be required.

Effective Date: 04/25/1991 Status: Effective  
FERC Docket: MT88- 11-012

**Second Revised Sheet No. 443** Second Revised Sheet No. 443 : Effective  
Superseding: First Revised Sheet No. 443

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

Reporting Information Required by the FERC

18. (a) Identify the states where the gas originates (list Canada if applicable)

\_\_\_\_\_

(b) Identify the states where the gas will ultimately be delivered for consumption \_\_\_\_\_

\_\_\_\_\_

(c) Is a marketing affiliate of Northwest Pipeline Corporation involved in any transaction associated with this request?

\_\_\_\_\_ Yes \_\_\_\_\_ No

(Marketing affiliates of Northwest Pipeline are: Williams Gas Marketing Company and Kern River Gas Supply Corporation.)

If "Yes," identity of affiliate and how it is involved in this transaction: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Note: If "Yes," it may be necessary for Northwest Pipeline Corporation to contact you for further information.

Signature: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Please return this request to either office listed below:

Northwest Pipeline Corporation  
P.O. Box 58900  
295 Chipeta Way  
Salt Lake City, Utah 84158-0900  
Attention: Transportation and Contract Administration (MS-10361)  
Telecopy No. (801) 584-7076  
Verify - (801) 584-7080









Effective Date: 11/06/1992 Status: Effective

FERC Docket: RP93- 20-000

**Original Sheet No. 447** Original Sheet No. 447 : Effective

GENERAL TRANSPORTATION TERMS AND CONDITIONS  
(Continued)

20. OPERATING INFORMATION AND ESTIMATES

Upon request of Transporter, Shipper shall, from time to time, submit estimates of the daily, monthly and annual volumes of gas required hereunder including peak day requirements, together with such other operating data as Transporter may require in order to schedule its operations and to meet its system requirements. When Shipper is receiving transportation gas from Transporter under Transporter's Rate Schedules TF-1 and/or TI-1 for combined billing, Shipper shall furnish estimated daily takes to Transporter's dispatcher by individual delivery point and distribution system, and shall cooperate in furnishing such other information Transporter may reasonably require in order to aid in proper operation of its system.

*Effective Date: 11/06/1992 Status: Effective*

*FERC Docket: RP93- 20-000*

**Sheet Nos. 448 Through 500** Sheet Nos. 448 Through 500 : Effective

RESERVED FOR FUTURE USE

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

Original Sheet No. 501 Original Sheet No. 501 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)

THIS AGREEMENT is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by and between NORTHWEST PIPELINE CORPORATION, hereinafter referred to as "Transporter", and \_\_\_\_\_, hereinafter referred to as "Shipper".

RECITALS:

AGREEMENT:

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

ARTICLE I - GAS DELIVERIES AND REDELIVERIES

1.1 Subject to the terms, conditions and limitations hereof, Transporter agrees to receive from Shipper at the Receipt Point(s) specified in Exhibit A herein, transport and deliver to Shipper at the Delivery Point(s) specified in Exhibit B herein, the following quantities of natural gas:

1.2 (Provide for fuel gas volume to be received if fuel gas reimbursement is to be in-kind.)

1.3 Such transportation shall be on an interruptible basis.

ARTICLE II - TRANSPORTATION RATES AND CHARGES

2.1 (a) Shipper agrees to pay Transporter for all natural gas transportation service rendered under the terms of this Agreement in accordance with Transporter's Rate Schedule TI-1 as filed with the Federal Energy Regulatory Commission, and as such rate schedule may be amended or superseded from time to time.

(b) (Reserved for rate adjustments made pursuant to Section 3.2 of Rate Schedule TI-1.)

2.2 This Agreement shall be subject to the provisions of such Rate Schedule and the General Transportation Terms and Conditions applicable thereto (and as they may be amended by Article VIII of this Agreement) and effective from time to time, which by this reference are incorporated herein and made a part hereof.

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

Original Sheet No. 502 Original Sheet No. 502 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)  
(Continued)

ARTICLE III - GOVERNMENTAL REQUIREMENTS

3.1 Shipper shall reimburse Transporter for any and all filing fees incurred by Transporter in seeking governmental authorization for the initiation, extension or termination of service under this Transportation Agreement.

3.2 (This section shall be utilized to identify the regulatory authorizations applicable to this agreement.)

3.3 Upon termination, this Transportation Agreement shall cease to have any force or effect, save as to any unsatisfied obligations or liabilities of either party arising hereunder prior to the date of such termination, or arising thereafter as a result of such termination. Provided, however this provision shall not supersede any abandonment authorization which may be required.

3.4 (Section 3.4 shall be applicable only for the transportation of imported natural gas.) Shipper hereby acknowledges and agrees that either it or its buyer or seller is the "importer of record" and it will comply with all requirements for reporting and submitting payment of duties, fees, and taxes to the United States or agencies thereof to be made on imported natural gas and for making the declaration of entry pursuant to 19 CFR Section 141.19. Shipper agrees to indemnify and hold Transporter harmless from any and all claims of damage or violation of any applicable laws, ordinances and statutes which pertain to the importation of the gas transported hereunder and which require reporting and/or filing of fees in connection with said import.

ARTICLE IV - TERM

4.1 This Agreement becomes effective \_\_\_\_\_ and shall remain in full force and effect \_\_\_\_\_.

(This provision shall include the primary term, evergreen provision if applicable and any termination notice requirements.)

ARTICLE V - WARRANTY OF ELIGIBILITY FOR TRANSPORTATION

5.1 Any Shipper under this Rate Schedule warrants for itself, its successors and assigns, that all gas delivered to Transporter for transportation hereunder shall be eligible for the requested transportation in interstate commerce under applicable rules, regulations or orders of the FERC. Shipper will indemnify Transporter and save it harmless from all suits, actions, damages, costs, losses, expenses (including reasonable attorney fees) and regulatory proceedings, arising from breach of this warranty.

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 503** Original Sheet No. 503 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)  
(Continued)

ARTICLE VI - NOTICES

6.1 Unless herein provided to the contrary, any notice called for in this Transportation Agreement shall be in writing and shall be considered as having been given if delivered personally, or by mail or telegraph with all postage and charges prepaid to either Shipper or Transporter at the place designated. Routine communications shall be considered as duly delivered when mailed by ordinary mail. Normal operating instructions can be made by telephone. Unless changed, the addresses of the parties are as follows:

NORTHWEST PIPELINE CORPORATION  
P.O. Box 8900  
Salt Lake City, Utah 84108-0899

Statements:	Attention: T&E Accounting (MS-10496)
Payments:	Attention: Cash Control (MS-10491)
Contractual Notices:	Attention: Transportation and Exchange (MS-10303)
Other Notices:	Attention: T&E Management (MS-10334)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 504** Original Sheet No. 504 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)  
(Continued)

ARTICLE VII - OTHER OPERATING PROVISIONS

(This Article to be utilized when necessary  
to specify other operating provisions  
required for individual transportations)

ARTICLE VIII - ADJUSTMENTS TO GENERAL TERMS AND CONDITIONS  
(to be utilized when necessary for individual transportations)

8.1 Certain of the General Transportation Terms and Conditions are to be adjusted for the purpose of this Agreement, as specified below:

ARTICLE IX - CANCELLATION OF PRIOR AGREEMENT(S)  
(to be utilized when necessary)

9.1 When this Agreement takes effect, it supersedes, cancels and terminates the following agreement(s):

ARTICLE X - SUCCESSORS AND ASSIGNS

10.1 This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns. No assignment or transfer by either party hereunder shall be made without written approval of the other party. Such approval shall not be unreasonably withheld. As between the parties hereto, such assignment shall become effective on the first day of the month following written notice that such assignment has been effectuated.

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 505** Original Sheet No. 505 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)  
(Continued)

IN WITNESS WHEREOF, the parties hereto have executed this agreement as  
of the day and year first above set forth.

\_\_\_\_\_  
(Shipper)

NORTHWEST PIPELINE CORPORATION  
(Transporter)

by \_\_\_\_\_  
(Title)

by \_\_\_\_\_  
(Title)

Attest: \_\_\_\_\_

Attest: \_\_\_\_\_



Effective Date: 11/25/1990 Status: Effective

FERC Docket: GT91- 5-000

**Original Sheet No. 506** Original Sheet No. 506 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)  
(Continued)

EXHIBIT "A"  
to the  
TRANSPORTATION AGREEMENT  
DATED \_\_\_\_\_  
between  
NORTHWEST PIPELINE CORPORATION  
and

\_\_\_\_\_  
RECEIPT POINTS  
\_\_\_\_\_

Effective Date: 11/25/1990 Status: Effective

FERC Docket: GT91- 5-000

**Original Sheet No. 507** Original Sheet No. 507 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)  
(Continued)

EXHIBIT "B"  
to the  
TRANSPORTATION AGREEMENT  
DATED \_\_\_\_\_  
between  
NORTHWEST PIPELINE CORPORATION  
and  
\_\_\_\_\_

DELIVERY POINTS  
\_\_\_\_\_

Effective Date: 04/17/1992 Status: Effective  
FERC Docket: RP92-141-002

**Substitute Original Sheet No. 508** Substitute Original Sheet No. 508 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TI-1)  
(Continued)

EXHIBIT "C"  
to the  
TRANSPORTATION AGREEMENT  
DATED \_\_\_\_\_  
between  
NORTHWEST PIPELINE CORPORATION  
and  
\_\_\_\_\_

ELECTION OF FACILITY COST-OF-SERVICE CHARGE REIMBURSEMENT OPTION

1. DESCRIPTION OF NEW FACILITIES:

The new facilities contemplated by Section 1(a) of Rate Schedule TI-1, which are necessary to provide service under this agreement include the following:

[description of project]

2. RESPONSIBILITY FOR NEW FACILITY COSTS:

Based upon the application of the economic test in Section 10 of Rate Schedule TI-1, Shipper initially is responsible to pay for all or a portion of the actual cost of the new facilities described above, as set forth below.

Shipper elects to pay for its share of new facility costs through a monthly Facility Cost-of-Service Charge as described in Section 10(c) (2) of Rate Schedule TI-1.

3. TERMS AND CONDITIONS OF FACILITY COST-OF-SERVICE CHARGE:

- a. Total Reimbursable Cost of Facilities \$\_\_\_\_\_.
- b. Initial monthly charge \$\_\_\_\_\_ 1/
- c. Term of monthly Facility Cost-of-Service Charge: \_\_\_\_\_ years. 2/

(Shipper may elect at any time to cease paying the Facility Cost-of-Service Charge by paying Transporter for the then remaining net book value of the facilities, including any related income taxes, consistent with Section 10 of the TI-1 Rate Schedule.)

1/ The monthly cost of service will be redetermined annually. The initial monthly charge will be calculated based upon Transporter's estimate of the cost of service for the first calendar year divided by twelve and will be billed monthly through March 31 of the subsequent year. In subsequent years, effective April 1 of each year, the monthly charge will be based upon the true-up cost of service for the prior calendar year (annualized if the actual true-up period is less than twelve months) divided by twelve and will be billed monthly for the period from April 1 through March 31. An annual cost-of-service "true up" will be calculated each year, on a calendar-year basis, by March 31 of the subsequent year. The actual cost of service, using the methodologies underlying Transporter's currently effective transportation rates and, for depreciable life purposes, the term of the cost-of-service charge as specified in c. above, will be compared with billings received during the previous calendar year, and Transporter will pay Shipper within 30 days (or the Shipper will reimburse Northwest within 30 days) for the difference between the actual cost of service and the revenues collected for the previous calendar year. A cost-of-service charge which terminates before December 31 of any calendar year will be subject to a final true up within ninety days following the termination of the charge.

2/ Contract term or a term agreed to among the parties, whichever is shorter.

\_\_\_\_\_  
(Shipper)

\_\_\_\_\_  
Northwest Pipeline Corporation



*Effective Date: 04/17/1992 Status: Effective*

*FERC Docket: RP92-141-001*

**First Revised Sheet No. 509** First Revised Sheet No. 509 : Effective  
Superseding: Original Sheet No. 509

RESERVED FOR FUTURE USE

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 510** Original Sheet No. 510 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)

THIS AGREEMENT is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by and between NORTHWEST PIPELINE CORPORATION, hereinafter referred to as "Transporter", and \_\_\_\_\_, hereinafter referred to as "Shipper".

RECITALS:

AGREEMENT:

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

ARTICLE I - GAS DELIVERIES AND REDELIVERIES

1.1 Subject to the terms, conditions and limitations hereof, Transporter agrees to receive from Shipper at the Receipt Point(s) specified in Exhibit A herein, transport and deliver to Shipper at the Delivery Point(s) specified in Exhibit B herein, the following quantities of natural gas, known as Transportation Contract Demand:

1.2 (Provide for fuel gas volume to be received if fuel gas reimbursement is to be in-kind.)

1.3 Such transportation shall be on a firm basis.

ARTICLE II - TRANSPORTATION RATES AND CHARGES

2.1 (a) Shipper agrees to pay Transporter for all natural gas transportation service rendered under the terms of this Agreement in accordance with Transporter's Rate Schedule TF-1 as filed with the Federal Energy Regulatory Commission, and as such rate schedule may be amended or superseded from time to time.

(b) (Reserved for rate adjustments made pursuant to Section 3.4 of Rate Schedule TF-1.)

2.2 This Agreement shall be subject to the provisions of such Rate Schedule and the General Transportation Terms and Conditions applicable thereto (and as they may be amended by Article VIII of this Agreement) and effective from time to time, which by this reference are incorporated herein and made a part hereof.

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 511** Original Sheet No. 511 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)  
(Continued)

ARTICLE III - GOVERNMENTAL REQUIREMENTS

3.1 Shipper shall reimburse Transporter for any and all filing fees to be incurred by Transporter in seeking governmental authorization for the initiation, extension or termination of service under this Transportation Agreement.

3.2 (This section shall be utilized to identify the regulatory authorizations applicable to this agreement.)

3.3 Upon termination, this Transportation Agreement shall cease to have any force or effect, save as to any unsatisfied obligations or liabilities of either party arising hereunder prior to the date of such termination, or arising thereafter as a result of such termination. Provided, however that this provision shall not supersede any abandonment authorization which may be required.

3.4 (Section 3.4 shall be applicable only for the transportation of imported natural gas.) Shipper hereby acknowledges and agrees that either it or its buyer or seller is the "importer of record" and it will comply with all requirements for reporting and submitting payment of duties, fees, and taxes to the United States or agencies thereof to be made on imported natural gas and for making the declaration of entry pursuant to 19 CFR Section 141.19. Shipper agrees to indemnify and hold Transporter harmless from any and all claims of damage or violation of any applicable laws, ordinances and statutes which pertain to the importation of the gas transported hereunder and which require reporting and/or filing of fees in connection with said import.

ARTICLE IV - TERM

4.1 This Agreement becomes effective \_\_\_\_\_ and shall remain in full force and effect \_\_\_\_\_.

(This provision shall include the primary term, evergreen provision if applicable and any termination notice requirements.)

ARTICLE V - WARRANTY OF ELIGIBILITY FOR TRANSPORTATION

5.1 Any shipper under this Rate Schedule warrants for itself, its successors and assigns, that all gas delivered to Transporter for transportation hereunder shall be eligible for transportation in interstate commerce under applicable rules, regulations or orders of the FERC. Shipper will indemnify Transporter and save it harmless from all suits, actions, damages, costs, losses, expenses (including reasonable attorney fees) and regulatory proceedings, arising from breach of this warranty.

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 512** Original Sheet No. 512 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)  
(Continued)

ARTICLE VI - NOTICES

6.1 Unless herein provided to the contrary, any notice called for in this Transportation Agreement shall be in writing and shall be considered as having been given if delivered personally, or by mail or telegraph with all postage and charges prepaid to either Shipper or Transporter at the place designated. Routine communications shall be considered as duly delivered when mailed by ordinary mail. Normal operating instructions can be made by telephone. Unless changed, the addresses of the parties are as follows:

NORTHWEST PIPELINE CORPORATION  
P.O. Box 8900  
Salt Lake City, Utah 84108-0899

Statements:	Attention: T&E Accounting (MS-10496)
Payments:	Attention: Cash Control (MS-10491)
Contractual Notices:	Attention: Transportation and Exchange (MS-10303)
Other Notices:	Attention: T&E Management (MS-10334)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 513** Original Sheet No. 513 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)  
(Continued)

ARTICLE VII - OTHER OPERATING PROVISIONS

(This Article to be utilized when necessary  
to specify other operating provisions  
required for individual transportations)

ARTICLE VIII - ADJUSTMENTS TO GENERAL TERMS AND CONDITIONS  
(to be utilized when necessary for  
individual transportations)

8.1 Certain of the General Transportation Terms and Conditions are to be  
adjusted for the purpose of this Agreement, as specified below:

ARTICLE IX - CANCELLATION OF PRIOR AGREEMENT(S)  
(to be utilized when necessary)

9.1 When this Agreement takes effect, it supersedes, cancels and  
terminates the following agreements(s):

ARTICLE X - SUCCESSORS AND ASSIGNS

10.1 This Agreement shall be binding upon and inure to the benefit of  
the parties hereto and their respective successors and assigns. No  
assignment or transfer by either party hereunder shall be made without  
written approval of the other party. Such approval shall not be unreasonably  
withheld. As between the parties hereto, such assignment shall become  
effective on the first day of the month following written notice that such  
assignment has been effectuated.

Effective Date: 11/25/1990 Status: Effective  
FERC Docket: GT91- 5-000

**Original Sheet No. 514** Original Sheet No. 514 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)  
(Continued)

IN WITNESS WHEREOF, the parties hereto have executed this agreement as  
of the day and year first above set forth.

\_\_\_\_\_  
(Shipper)

NORTHWEST PIPELINE CORPORATION  
(Transporter)

By \_\_\_\_\_  
(Title)

By \_\_\_\_\_  
(Title)

Attest: \_\_\_\_\_

Attest: \_\_\_\_\_

Effective Date: 11/25/1990 Status: Effective

FERC Docket: GT91- 5-000

**Original Sheet No. 515** Original Sheet No. 515 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)  
(Continued)

EXHIBIT "A"  
to the  
TRANSPORTATION AGREEMENT  
DATED \_\_\_\_\_

between  
NORTHWEST PIPELINE CORPORATION  
and  
\_\_\_\_\_

RECEIPT POINTS

Receipt Point  
\_\_\_\_\_

Maximum Daily Quantity  
\_\_\_\_\_

Effective Date: 11/25/1990 Status: Effective

FERC Docket: GT91- 5-000

**Original Sheet No. 516** Original Sheet No. 516 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)  
(Continued)

EXHIBIT "B"  
to the  
TRANSPORTATION AGREEMENT  
DATED \_\_\_\_\_  
between  
NORTHWEST PIPELINE CORPORATION  
and

---

DELIVERY POINTS

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Effective Date: 04/17/1992 Status: Effective  
FERC Docket: RP92-141-002

**Substitute Original Sheet No. 517** Substitute Original Sheet No. 517 : Effective

FORM OF TRANSPORTATION AGREEMENT  
(APPLICABLE TO RATE SCHEDULE TF-1)  
(Continued)

EXHIBIT "C"  
to the  
TRANSPORTATION AGREEMENT  
DATED \_\_\_\_\_  
between  
NORTHWEST PIPELINE CORPORATION  
and  
\_\_\_\_\_

ELECTION OF FACILITY COST-OF-SERVICE CHARGE REIMBURSEMENT OPTION

1. DESCRIPTION OF NEW FACILITIES:

The new facilities contemplated by Section 1(b) of Rate Schedule TF-1, which are necessary to provide service under this agreement include the following:

[description of project]

2. RESPONSIBILITY FOR NEW FACILITY COSTS:

Based upon the application of the economic test in Section 11 of Rate Schedule TF-1, Shipper initially is responsible to pay for all or a portion of the actual cost of the new facilities described above, as set forth below.

Shipper elects to pay for its share of new facility costs through a monthly Facility Cost-of-Service Charge as described in Section 11(c) (2) of Rate Schedule TF-1.

3. TERMS AND CONDITIONS OF FACILITY COST-OF-SERVICE CHARGE:

- a. Total Reimbursable Cost of Facilities \$ \_\_\_\_\_.
- b. Initial monthly charge \$ \_\_\_\_\_ 1/
- c. Term of monthly Facility Cost-of-Service Charge: \_\_\_\_\_ years. 2/

(Shipper may elect at any time to cease paying the Facility Cost-of-Service Charge by paying Transporter for the then remaining net book value of the facilities, including any related income taxes, consistent with Section 11 of the TF-1 Rate Schedule.)

---

1/ The monthly cost of service will be redetermined annually. The initial monthly charge will be calculated based upon Transporter's estimate of the cost of service for the first calendar year divided by twelve and will be billed monthly through March 31 of the subsequent year. In subsequent years, effective April 1 of each year, the monthly charge will be based upon the true-up cost of service for the prior calendar year (annualized if the actual true-up period is less than twelve months) divided by twelve and will be billed monthly for the period from April 1 through March 31. An annual cost-of-service "true up" will be calculated each year, on a calendar-year basis, by March 31 of the subsequent year. The actual cost of service, using the methodologies underlying Transporter's currently effective transportation rates and, for depreciable life purposes, the term of the cost-of-service charge as specified in c. above, will be compared with billings received during the previous calendar year, and Transporter will pay Shipper within 30 days (or the Shipper will reimburse Northwest within 30 days) for the difference between the actual cost of service and the revenues collected for the previous calendar year. A cost-of-service charge which terminates before December 31 of any calendar year will be subject to a final true up within ninety days following the termination of the charge.

2/ Contract term or a term agreed to among the parties, whichever is shorter.

\_\_\_\_\_  
(Shipper)

\_\_\_\_\_  
Northwest Pipeline Corporation



*Effective Date: 04/17/1992 Status: Effective*

*FERC Docket: RP92-141-001*

**First Revised Sheet No. 518** First Revised Sheet No. 518 : Effective  
Superseding: Original Sheet No. 518

RESERVED FOR FUTURE USE

*Effective Date: 04/17/1992 Status: Effective*  
*FERC Docket: RP92-141-001*

**Sheet Nos. 519 Through 600** Sheet Nos. 519 Through 600 : Effective

RESERVED FOR FUTURE USE



Effective Date: 04/01/1993 Status: Effective  
 FERC Docket: RP93- 5-007

**2nd Sub Fifth Revised Sheet No. 601** 2nd Sub Fifth Revised Sheet No. 601 : Effective  
 Superseding: First Rev Fourth Rev Sheet No. 601

INDEX OF SHIPPERS

Under Rate Schedule TF-1 Contained in this FERC Gas Tariff, First Revised Volume No. 1-A

Agrmt #	Name of Shipper	Rate Schedule	Date	Effective	Term	Maximum Daily
						Quantity or Transportation Contract Demand
						(MMBtus)
F-44	Arco Natural Gas Marketing	TF-1	02/01/91	02/01/91	02/01/01 2/	50,000
F-71	Basic	TF-1	07/19/90	04/01/93	03/31/08 1/	850
F-77	Boeing	TF-1	06/29/90	04/01/93	03/31/08 1/	12,600
F-78	Boeing	TF-1	08/27/91	04/01/93	03/31/08 1/	2,156
F-42	Bonneville Fuels	TF-1	02/01/91	02/01/91	02/01/06 2/	2,400
F-109	Canadian Hydrocarbons Marketing (U.S.)	TF-1	03/09/93	03/11/93	02/28/07 6/	20,514
F-102	Canwest Gas Supply	TF-1	01/06/93	04/01/93	03/31/08 1/	51,550
F-02	Cascade Natural Gas Corp.	TF-1	07/31/91	11/01/92	10/31/14 6/	179,068
F-64	Cascade Natural Gas Corp.	TF-1	08/27/91	04/01/93	03/31/08 1/	1,078
F-65	Cascade Natural Gas Corp.	TF-1	08/27/91	04/01/93	03/31/08 1/	616
F-105	Cascade Natural Gas Corp.	TF-1	08/27/92	04/01/93	03/31/08 1/	1,232
F-21	City of Buckley 7/	TF-1	06/28/89	10/01/89	10/31/04 1/	569
F-11	City of Ellensburg 7/	TF-1	07/31/91	11/01/92	10/31/04 6/	6,000
F-63	City of Ellensburg 7/	TF-1	07/17/90	04/01/93	03/31/08 1/	1,500
F-12	City of Enumclaw 7/	TF-1	07/31/91	11/01/92	10/31/04 6/	2,572
F-66	City of Enumclaw 7/	TF-1	07/05/91	04/01/93	03/31/08 1/	928
F-85	Columbia Aluminum	TF-1	06/29/90	04/01/93	03/31/08 1/	600
F-103	Columbia Power	TF-1	12/06/91	04/01/93	03/31/94 5/	25,000
F-67	Cyanco	TF-1	06/29/90	04/01/93	03/31/08 1/	2,000
F-74	Desert Palace	TF-1	06/19/90	04/01/93	03/31/08 1/	300
F-22	Development Associates	TF-1	09/30/89	11/01/89	10/31/09 1/	40,000
F-33	Development Associates	TF-1	09/01/90	09/01/90	12/01/93 3/	10,000
F-94	Development Associates	TF-1	04/03/93	04/01/93	03/31/08 1/	40,784
F-95	Development Associates	TF-1	04/03/93	04/01/93	03/31/08 1/	2,464
F-83	Domtar Gypsum	TF-1	06/28/90	04/01/93	03/31/13 1/	3,000
F-68	Eagle Picher Minerals	TF-1	06/28/90	04/01/93	03/31/08 1/	1,680
F-69	Eagle Picher Minerals	TF-1	08/26/91	04/01/93	03/31/08 1/	184
F-45	El Paso Natural Gas	TF-1	06/01/91	06/01/91	01/31/94	6,000 4/
F-43	Enron Gas Marketing	TF-1	02/01/91	02/01/91	02/01/06 2/	25,000
F-52	Grand Valley Gas Company	TF-1	01/01/93	01/01/93	04/30/98 6/	7,250
F-89	Grand Valley Gas Company	TF-1	08/27/91	04/01/93	03/31/08 1/	10,196
F-90	Grand Valley Gas Company	TF-1	04/03/93	04/01/93	03/31/08 1/	2,464
F-03	Greeley Gas Company 7/	TF-1	12/14/90	12/14/90	10/31/04 1/	540
F-70	Hanson Natural Resources	TF-1	06/29/90	04/01/93	03/31/08 1/	1,100
F-72	Harrah's Club	TF-1	06/29/90	04/01/93	03/31/08 1/	500
F-73	Harvey's Resort Hotel	TF-1	06/25/90	04/01/93	03/31/08 1/	380
F-76	High Sierra Hotel	TF-1	06/26/90	04/01/93	03/31/08 1/	225
F-53	Husky Gas Marketing	TF-1	08/27/91	04/01/93	03/31/08 1/	4,311
F-86	Husky Gas Marketing	TF-1	06/28/90	04/01/93	03/31/08 1/	10,000
F-04	IGI Resources	TF-1	07/31/91	11/01/92	10/31/09 6/	113,024
F-62	IGI Resources	TF-1	06/29/90	04/01/93	03/31/08 1/	7,000

- 1/ Year to year thereafter, subject to termination upon 12 months written notice by either party.
- 2/ Month to month thereafter, subject to termination upon 30 days written notice by either party.
- 3/ Not less than 30 days prior to the end of the primary term, Shipper may request an extension of the term of the Agreement in writing.
- 4/ Up to 6,000 MMBtus/day 01/01/93 through 12/31/93, and up to 1,000 MMBtus/day 01/01/94 through 01/31/94.
- 5/ Year to year thereafter, subject to termination upon 6 months written notice by either party.
- 6/ Year to year thereafter, subject to termination upon 12 months written notice by the Shipper.
- 7/ TF-1 (Small) Customer.

Effective Date: 04/01/1993 Status: Effective  
 FERC Docket: RP93- 5-021

**4th Sub Fifth Revised Sheet No. 602** 4th Sub Fifth Revised Sheet No. 602 : Effective  
 Superseding: First Rev Sub Fourth Rev Sheet No. 602

INDEX OF SHIPPERS  
 Under Rate Schedule TF-1 Contained in this FERC Gas Tariff, First Revised Volume No. 1-A

Transportation Agreement

Agrmt #	Name of Shipper	Rate Schedule	Date	Effective	Term	Maximum Daily Quantity or Transportation Contract Demand
						(MMBtus)
F-34	James River Corporation	TF-1	09/01/90	09/01/90	10/01/91 1/	7,000
F-81	James River Corporation	TF-1	06/26/90	04/01/93	03/31/08 1/	8,000
F-82	James River Corporation	TF-1	08/27/91	04/01/93	03/31/08 1/	2,341
F-26	LFC Gas Company 7/	TF-1	12/13/89	12/13/89	11/15/04 1/	4,800
F-36	North Pacific Paper Corp.	TF-1	10/01/90	10/01/90	11/01/93 1/	2,200
F-05	Northwest Natural Gas Company	TF-1	07/31/91	11/01/92	09/30/13 5/	242,922
F-58	Northwest Natural Gas Company	TF-1	06/29/90	04/01/93	03/31/08 1/	50,000
F-59	Northwest Natural Gas Company	TF-1	08/27/91	04/01/93	03/31/08 1/	9,400
F-106	Petro-Canada Hydrocarbons Inc	TF-1	03/11/93	03/11/93	03/01/07 5/	30,771
F-107	Petro-Canada Hydrocarbons Inc	TF-1	03/11/93	03/11/93	11/01/95 5/	30,772
F-39	Phillips Gas Marketing	TF-1	02/01/91	02/01/91	02/01/01 2/	30,000
F-38	R. L. Bayless	TF-1	02/01/91	02/01/91	02/01/06 2/	2,000
F-13	Rocky Mountain Natural Gas	TF-1	05/05/89	10/01/89	10/01/04 1/	353
F-84	Roseburg Forest Products	TF-1	06/28/90	04/01/93	03/31/08 1/	1,250
F-110	Salmon Resources, Ltd.	TF-1	03/15/93	03/11/93	02/28/07 1/	30,300
F-46	Sierra Pacific Power	TF-1	06/01/91	06/01/91	06/30/08 1/	61,696
F-61	Sierra Pacific Power	TF-1	06/29/90	04/01/93	03/31/08 1/	9,000
F-79	Simpson Tacoma Kraft	TF-1	07/11/90	04/01/93	03/31/08 1/	10,000
F-80	Simpson Paper Company	TF-1	12/03/90	04/01/93	03/31/08 1/	1,000
F-37	Southern Ute Indian Tribe	TF-1	02/01/91	02/01/91	02/01/06 2/	12,500
F-49	Southwest Gas - Nevada 7/	TF-1	06/01/91	06/01/91	06/30/08 1/	45,826
F-48	Southwest Gas - No. Calif. 7/	TF-1	06/01/91	06/01/91	06/30/08 1/	7,668
F-57	Southwest Gas Corporation	TF-1	07/22/91	04/01/93	06/30/08 1/	15,000
F-41	Sunrise Energy	TF-1	06/01/91	06/01/91	06/01/06 2/	44,000 3/
F-55	TM Star Fuel Company	TF-1	07/05/90	04/01/93	03/31/08 1/	12,000
F-104	TM Star Fuel Company	TF-1	03/03/93	04/01/93	03/31/08 1/	10,500
F-54	Texaco Gas Marketing	TF-1	07/05/90	04/01/93	03/31/08 1/	19,500
F-25	Union Pacific Fuels, Inc.	TF-1	02/01/92	02/01/92	01/31/93 4/	20,000
F-75	United Engine & Machine	TF-1	06/28/90	04/01/93	03/31/08 1/	250
F-16	Utah Gas Service Co. 6/	TF-1	07/31/91	11/01/92	10/31/04 5/	6,433
F-87	Washington Energy	TF-1	06/22/90	04/01/93	03/31/08 1/	10,000
F-88	Washington Energy	TF-1	08/27/91	04/01/93	03/31/08 1/	616
F-09	Washington Natural Gas Co.	TF-1	07/31/91	11/01/92	10/31/04 5/	230,797
F-35	Washington Natural Gas Co.	TF-1	10/01/90	10/01/90	10/31/04 1/	32,800
F-51	Washington Natural Gas Co.	TF-1	03/01/92	03/01/92	10/31/04 1/	5,000
F-56	Washington Natural Gas Co.	TF-1	06/29/90	04/01/93	03/31/08 1/	100,000
F-10	The Wash. Water Power Co. 7/	TF-1	07/31/91	11/01/92	10/31/04 5/	148,532
F-60	The Wash. Water Power Co.	TF-1	06/29/90	04/01/93	03/31/08 1/	14,860
F-47	The Wash. Water Power Co. 7/	TF-1	06/01/91	06/01/91	06/30/08 1/	11,373
F-108	Westcoast Resources, Inc.	TF-1	03/03/93	03/11/93	02/28/07 5/	25,643
F-40	Williams Gas Marketing	TF-1	02/01/91	02/01/91	02/01/06 2/	100,000
F-18	Wyoming Industrial Gas Co.6/	TF-1	07/31/91	11/01/92	10/31/04 5/	2,750

- 1/ Year to Year thereafter, subject to termination upon 12 months written notice by either party.
- 2/ Month to month thereafter, subject to termination upon 30 days written notice by either party.
- 3/ Up to 44,000 MMBtus/day 01/01/93 through 12/31/93, up to 49,000 MMBtu/day 01/01/94 through 01/31/94, and up to 50,000 MMBtu/day 02/01/94 through the remaining term.
- 4/ Year to year thereafter, subject to termination upon six months written notice by either party.
- 5/ Year to year thereafter, subject to termination upon 12 months written notice by the Shipper.
- 6/ TF-1 (Small) Customer.
- 7/ See Sheet No. 603 for seasonal contract demand reduction quantities applicable to this customer.

Effective Date: 04/01/1993 Status: Effective  
 FERC Docket: RP93- 5-012

**Substitute Original Sheet No. 603** Substitute Original Sheet No. 603 : Effective

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Seasonal Contract Demand Reduction Quantities  
 Applicable to Certain Transportation Shippers

Agmt No. -----	Name of Shipper -----	Applicable Months -----	Contract Demand Reduction Quantity -----
F-26	LFC Gas Company	January - December	703
F-49	Southwest Gas - Nevada	April	5,711
F-49	Southwest Gas - Nevada	May	8,147
F-49	Southwest Gas - Nevada	June	9,041
F-49	Southwest Gas - Nevada	July	10,185
F-49	Southwest Gas - Nevada	August	10,446
F-49	Southwest Gas - Nevada	September	9,435
F-49	Southwest Gas - Nevada	October	4,947
F-48	Southwest Gas - No. California	April	387
F-48	Southwest Gas - No. California	May	547
F-48	Southwest Gas - No. California	June	587
F-48	Southwest Gas - No. California	July	668
F-48	Southwest Gas - No. California	August	657
F-48	Southwest Gas - No. California	September	595
F-48	Southwest Gas - No. California	October	363
F-10	Washington Water Power	June - September	10,549
F-47	Washington Water Power	June - September	731

