



**Avista Corp.**

1411 East Mission P.O. Box 3727  
Spokane, Washington 99220-0500  
Telephone 509-489-0500  
Toll Free 800-727-9170

August 22, 2019

Diane Hanian  
State of Idaho  
Idaho Public Utilities Commission  
472 W. Washington Street  
Boise, Idaho 83702-5983

Case No. AVU-G-19-06/Advice No. 19-02-G

**I.P.U.C. No. 27 – Natural Gas Service**

Enclosed for filing with the Commission are the Original filing plus seven copies, and one compact disc, of the following revised tariff sheets:

<b>Twenty-Seventh Revision Sheet 150</b>	<b>canceling</b>	<b>Twenty-Sixth Revision Sheet 150</b>
<b>Twenty-First Revision Sheet 155</b>	<b>canceling</b>	<b>Twentieth Revision Sheet 155</b>

The Company requests that the proposed tariff sheets be made effective November 1, 2019. These tariff sheets reflect the Company's annual Purchased Gas Cost Adjustment ("PGA"). If approved, the Company's annual revenue will *increase* by approximately \$3.3 million or approximately 5.6%. The proposed changes have no effect on the Company's earnings. Detailed information related to the Company's request is included in the attached Application and supporting workpapers.

If the Company's request is approved, a residential or small commercial customer using an average of 64 therms per month will see an *increase* of \$2.26 per month, or approximately 4.8%. The present bill for 64 therms is \$47.62 while the proposed bill is \$49.88. The Company will issue a notice to its customers through a bill insert in the September 2019 to October 2019 timeframe. A copy of the bill insert has been included in the Company's filing.

If you have any questions regarding this filing, please contact Kaylene Schultz at (509) 495-2482 or Annette Brandon at (509) 495-4324.

Sincerely,

Patrick D. Ehrbar  
Director of Regulatory Affairs

RECEIVED  
2019 AUG 23 PM 2:45  
IDAHO PUBLIC  
UTILITIES COMMISSION

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I have served Avista Corporation dba Avista Utilities' Advice filing ADV 19-02-G (Tariff IPUC No. 27 Natural Gas Service) by mailing a copy thereof, postage prepaid to the following:


Diane Hanian, Secretary  
Idaho Public Utilities Commission  
472 W. Washington Street  
Boise, ID 83720-5983

Edward A. Finklea  
Alliance of Western Energy Consumers  
545 Grandview Drive  
Ashland, OR 97520

Chad Stokes  
Cable Huston Benedict Haagensen &  
Lloyd, LLP  
1455 SW Broadway, Suite 1500  
Portland, OR 97201

Curt Hibbard  
St. Joseph Regional Medical Center  
PO Box 816  
Lewiston, ID 83501

Dated at Spokane, Washington this 22<sup>th</sup> day of August 2019.

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Paul Kimball  
Manager Regulatory Compliance & Discovery



BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

RECEIVED

2019 AUG 23 PM 2:46

IDAHO PUBLIC  
UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION OF )  
AVISTA UTILITIES FOR AN ORDER APPROVING ) CASE: AVU-G-19-06  
A CHANGE IN NATURAL GAS RATES AND CHARGES )

Application is hereby made to the Idaho Public Utilities Commission for an Order approving a revised schedule of rates and charges for natural gas service in the state of Idaho. The Applicant requests that the proposed rates included in this Purchased Gas Cost Adjustment ("PGA") filing be made effective on November 1, 2019. If approved as filed, the Company's annual revenue will increase by approximately \$3.3 million or about 5.6%. In support of this Application, Applicant states as follows:

I.

The name of the Applicant is AVISTA CORPORATION, doing business as AVISTA UTILITIES (hereinafter Avista, Applicant or Company), a Washington corporation, whose principal business office is 1411 East Mission Avenue, Spokane, Washington, and is qualified to do business in the state of Idaho. Applicant maintains district offices in Moscow, Lewiston, Coeur d'Alene, Sandpoint, and Kellogg, Idaho. Communications in reference to this Application should be addressed to:

Patrick D. Ehrbar  
Director of Regulatory Affairs  
Avista Utilities  
1411 E. Mission Avenue  
Spokane, WA 99220-3727  
Phone: (509) 495-8620  
Fax: (509) 495-8851  
Pat.ehrbar@avistacorp.com

II.

Attorney for the Applicant and his address is as follows:

David J. Meyer  
Vice President and Chief Counsel for Regulatory  
And Governmental Affairs  
Avista Utilities  
1411 E. Mission Avenue  
Spokane, WA 99220-3727  
Phone: (509) 495-4316  
Fax: (509) 495-8851  
David.meyer@avistacorp.com

### III.

The Applicant is a public utility engaged in the distribution of natural gas in certain portions of Northern Idaho, Eastern and Central Washington, and Southwestern and Northeastern Oregon, and further engaged in the generation, transmission, and distribution of electricity in Northern Idaho and Eastern Washington.

### IV.

Twenty-Seventh Revision Sheet 150, which Applicant requests the Commission approve, is filed herewith as Exhibit "A". Additionally, Twenty-First Revision Sheet 155, which Applicant requests the Commission approve, is also filed herewith as Exhibit "A". Also included in Exhibit "A" is a copy of Twenty-Seventh Revision Sheet 150 and Twenty-First Revision Tariff Sheet 155 with the changes underlined and a copy of Twenty-Sixth Revision Sheet 150 and Twentieth Revision Tariff Sheet 155 with the proposed changes shown by lining over the current language or rates.

### V.

The existing rates and charges for natural gas service on file with the Commission and designated as Applicant's Tariff IPUC No. 27, which will be superseded by the rates and charges filed herewith, are incorporated herein as though fully attached hereto.

### VI.

Notice to the Public of Applicant's proposed tariffs is to be given simultaneously with the filing of this Application by posting, at each of the Company's district offices in Idaho, a Notice in the form attached hereto as Exhibit "B" and by means of a press release distributed to various informational agencies, a draft copy attached hereto in Exhibit "F". In addition, Exhibit "F" to this Application also contains the form of customer notice that the Company will send to its customers in its monthly bills in the September – October timeframe.

### VII.

The circumstances and conditions relied on for approval of Applicant's revised rates are as follows: Applicant purchases natural gas for customer usage and transports it over Williams Northwest Pipeline, Gas Transmission Northwest (GTN), TC Energy - Alberta, TC Energy - BC and Enbridge Energy Pipeline systems, and defers the effect of timing differences due to implementation of rate changes and differences between Applicant's actual weighted average cost of gas ("WACOG") purchased and the WACOG embedded in rates. Applicant also defers various pipeline refunds or charges and miscellaneous revenue received from natural gas related transactions including pipeline capacity releases.

### VIII.

This filing reflects the Company's proposed annual PGA to: 1) pass through changes in the estimated cost of natural gas for the November 2019 through October 2020 twelve-month period (Schedule 150), and 2) revise the amortization rate(s) to refund or collect the balance of deferred gas costs (Schedule 155). Below is a table summarizing the proposed rate changes reflected in this filing:

		Commodity	Demand	Total	Amortization	Total Rate	Overall
(Revenue Sensitized)	Sch.	Change	Change	Sch. 150	Change	Change	Percent
Service	No.	per therm	per therm	Change	per therm	per therm	Change
General	101	\$ (0.01697)	\$ (0.00290)	\$ (0.01987)	\$ 0.05520	\$ 0.03533	<b>5.2%</b>
Lg. General	111	\$ (0.01697)	\$ (0.00290)	\$ (0.01987)	\$ 0.05520	\$ 0.03533	<b>4.9%</b>
Lg General	112	\$ (0.01697)	\$ (0.00290)	\$ (0.01987)	\$ -	\$ (0.01987)	<b>-2.6%</b>
Interruptible	131	\$ (0.01697)	\$ -	\$ (0.01697)	\$ -	\$ (0.01697)	<b>-4.6%</b>
Transportation	146	\$ -	\$ -	\$ -	\$ 0.00265	\$ 0.00265	<b>2.1%</b>

## IX.

### **Commodity Costs**

As shown in the table above, the estimated WACOG change is a decrease of \$0.01697 per therm. The proposed WACOG \$0.15328 per therm compared to the present WACOG of \$0.17025 per therm included in rates. The overall reduction in the WACOG is generally the result of the continued high natural gas production levels and an abundance of natural gas in storage.

The Company's natural gas Procurement Plan ("Plan") uses a diversified approach to procure natural gas for the coming PGA year. While the Plan generally incorporates a more structured approach for the hedging portion of the portfolio, the Company exercises flexibility and discretion in all areas of the plan based on changes in the wholesale market. The Company typically meets with Commission Staff semi-annually to discuss the state of the wholesale market and the status of the Company's Plan. In addition, the Company communicates with Staff when it believes it makes sense to deviate from its Plan and/or opportunities arise in the market.

Avista has been hedging natural gas on both a periodic and discretionary basis throughout the previous thirty-six months for the forthcoming PGA year. Approximately 43% of estimated annual load requirements for the PGA year (November 2019 through October 2020) will be hedged at a fixed-price derived from the Company's Plan. Through July, the hedge volumes for the PGA year have been executed at a weighted average price of \$1.71 per dekatherm (\$0.171 per therm).

The Company used a 30-day historical average of forward prices and supply basins (ending July 31, 2019) to develop an estimated cost associated with index purchases. The estimated monthly volumes to be purchased by basin are multiplied by the 30-day average forward price for the corresponding month and basin. These index purchases represent approximately 57% of estimated annual load requirements for the coming year. The annual weighted average price for these volumes is \$1.58 per dekatherm (\$0.158 per therm).



X.

### **Demand Costs**

Demand costs reflect the cost of pipeline transportation to the Company's system, as well as fixed costs associated with natural gas storage. As shown in the table above, demand costs are expected to *slightly decrease* for residential customers by approximately \$0.00290 per therm. This reduction is related to a reduction of various factors including Canadian exchange rate, updated demand forecast, and changes due to federal tax reform for Gas Transmission Northwest (GTN), etc.

XI.

### **Schedule 155 / Amortization Rate Change**

As shown in the table above, the proposed amortization rate change for Schedule 101 and Schedule 111 is an increase in revenue (or reduction in current rebate) of \$0.05520 per therm. The current rate applicable to Schedule 101 and Schedule 111 is \$0.09145 per therm in the rebate direction; the proposed rate is \$0.03625 per therm also in the rebate direction.

For the previous PGA year, the Company was able to secure commodity expense at much lower than what was embedded in customer rates, which resulted in a total rebate balance of \$7.9 million or \$0.09145 per therm.<sup>1</sup>

For the 2018-2019 PGA year, conditions were not as favorable, which resulted in a smaller deferral balance of approximately \$1.2 million. A combination of various factors contributed to higher actual wholesale natural gas prices versus the previous year. Regionally, actual wholesale natural gas prices exhibited extreme volatility and higher prices after the Enbridge-owned West Coast Pipeline ("Enbridge") experienced a rupture in October 2018. The pipeline has since been repaired, but has been operating at reduced capacity especially throughout the 2018-2019 winter. The capacity shortage on Enbridge severely affected the natural gas supply in the Pacific Northwest during the winter months, driving prices and volatility higher. This relatively mild winter regionally turned very cold in February 2019. The arrival of cold weather, coupled with the loss of one of the compressors at the Jackson Prairie storage facility for a three-week period, further exacerbated the capacity shortage, increasing regional spot natural gas prices, including record high prices at the Sumas natural gas trading hub.

In this year's filing, the Company has included a projection of deferral and amortization balances from July 2019 through October 2019. The volatility experienced in the previous winter was unusual and has not, nor is expected to, continue throughout the rest of the PGA year. Therefore, in order to provide customers the benefit from these lower prices in a timely manner, we have included an estimate of commodity and demand deferrals of approximately \$3.2 million which we believe will occur from July 2019 through October 2019, prior to the next natural gas PGA year. This estimate is based on an average of the previous three years of commodity and demand deferrals. In total, the combination of the Deferral balance as of June 30, 2019 plus the projected amortization and deferrals for July 2019 through October 2019 results in a net deferral balance of \$3.2 million, or \$0.03625 per therm.

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<sup>1</sup> In addition to the \$7.9 million related to Commodity and Demand Deferrals, was \$65,271.61 related to a residual Idaho Earnings Test Deferral and \$579,410.11 related to residual Temporary Tax Benefits.

XII.

If approved as filed, the Company's annual revenue will *increase* by approximately \$3.3 million or about 5.6% effective November 1, 2019. Residential or small commercial customers using an average of 64 therms per month would see an *increase* of \$2.26 per month, or approximately 4.8%. The present bill for 64 therms is \$47.62 while the proposed bill is \$49.88.

XIII.

Exhibit "C" attached hereto contains support workpapers for the rates proposed by Applicant contained in Exhibit "A".

XIV.

Avista requests that the rates proposed in this filing be approved to become effective on November 1, 2019, and requests that the matter be processed under the Commission's Modified Procedure rules through the use of written comments. Avista stands ready for immediate consideration on its Application.

XV.

WHEREFORE, Avista requests the Commission issue its Order finding its proposed rates to be just, reasonable, and nondiscriminatory and to become effective for all natural gas service on and after November 1, 2019.

Dated at Spokane, Washington, this 22<sup>nd</sup> day of August 2019.

AVISTA UTILITIES  
BY



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David J. Meyer  
Vice President and Chief Counsel for  
Regulatory & Governmental Affairs  
Avista Corporation

## VERIFICATION

STATE OF WASHINGTON )

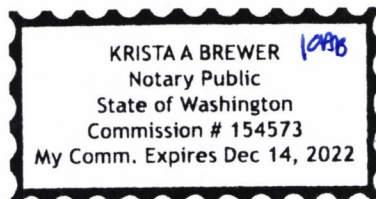
County of Spokane )

David J. Meyer, being first duly sworn on oath, deposes and says: That he is the Vice President and Chief Counsel for Regulatory & Governmental Affairs for Avista Utilities and makes this verification for and on behalf of Avista Corporation, being thereto duly authorized;

That he has read the foregoing filing, knows the contents thereof, and believes the same to be true.

7-

SIGNED AND SWORN to before me this 22<sup>nd</sup> day of August 2019, by David J. Meyer.



Ques A: B<sub>2</sub>

NOTARY PUBLIC in and for the State of  
Washington, residing at Spokane.

Commission Expires: 12/14/2022



DAVID J. MEYER  
VICE PRESIDENT AND CHIEF COUNSEL FOR  
REGULATORY & GOVERNMENTAL AFFAIRS  
AVISTA CORPORATION  
P.O. BOX 3727  
1411 EAST MISSION AVENUE  
SPOKANE, WASHINGTON 99220-3727  
TELEPHONE: (509) 495-4316  
FACSIMILE: (509) 495-8851  
DAVID.MEYER@AVISTACORP.COM

**BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION**

IN THE MATTER OF THE APPLICATION	)	CASE NO. AVU-G-19- <u>6</u>
OF AVISTA CORPORATION FOR AN	)	
ORDER APPROVING A CHANGE	)	ATTORNEY'S CERTIFICATE
IN NATURAL GAS RATES AND CHARGES	)	CLAIM OF CONFIDENTIALITY
TO NATURAL GAS CUSTOMERS IN THE	)	RELATING TO PORTIONS
STATE OF IDAHO	)	OF AVISTA'S EXHIBIT'S
	)	AND WORKPAPERS
	)	



1 PROTECTIVE AGREEMENT BETWEEN AVISTA CORPORATION AND PARTIES  
2 WHO HAVE REQUESTED SUCH AN AGREEMENT.

3 RESPECTFULLY SUBMITTED this 22<sup>nd</sup> day of August 2019

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David J. Meyer  
Vice President and Chief Counsel for  
Regulatory & Governmental Affairs  
Avista Corporation



# **AVISTA UTILITIES**

Case No. AVU-G-19-06

## **EXHIBIT “A”**

**Proposed Tariff Sheets**

AVISTA CORPORATION  
d/b/a Avista Utilities

**SCHEDULE 150  
PURCHASE GAS COST ADJUSTMENT - IDAHO**

**APPLICABLE:**

To Customers in the State of Idaho where Company has natural gas service available.

**PURPOSE:**

To pass through changes in costs resulting from purchasing and transporting natural gas, to become effective as noted below.

**RATE:**

- (a) The retail rates of firm gas Schedules 101, 111 and 112 are to be increased by 24.678¢ per therm in all blocks of these rate schedules.
- (b) The rates of interruptible Schedules 131 and 132 are to be increased by 15.328¢ per therm.
- (c) The rate for transportation under Schedule 146 is to be decreased by 0.000¢ per therm.

**WEIGHTED AVERAGE GAS COST:**

The above rate changes are based on the following weighted average cost of gas per therm as of the effective date shown below:

	Demand	Commodity	Total
Schedules 101	9.350¢	15.328¢	24.678¢
Schedules 111 and 112	9.350¢	15.328¢	24.678¢
Schedules 131 and 132	0.000¢	15.328¢	15.328¢

**The above amounts include a gross revenue factor.**

	Demand	Commodity	Total
Schedules 101	9.295¢	15.239¢	24.534¢
Schedules 111 and 112	9.295¢	15.239¢	24.534¢
Schedules 131 and 132	0.000¢	15.239¢	15.239¢

**The above amounts do not include a gross revenue factor.**

**BALANCING ACCOUNT:**

The Company will maintain a Purchase Gas Adjustment (PGA) Balancing Account whereby monthly entries into this Balancing Account will be made to reflect differences between the actual purchased gas costs collected from customers and the actual purchased gas costs incurred by the Company. Those differences are then collected from or refunded to customers under Schedule 155 – Gas Rate Adjustment.

Issued August 23, 2019

Effective November 1, 2019

Issued by Avista Utilities  
By

Patrick Ehrbar – Director of Regulatory Affairs



AVISTA CORPORATION  
d/b/a Avista UtilitiesSCHEDULE 150  
PURCHASE GAS COST ADJUSTMENT - IDAHO

## APPLICABLE:

To Customers in the State of Idaho where Company has natural gas service available.

## PURPOSE:

To pass through changes in costs resulting from purchasing and transporting natural gas, to become effective as noted below.

## RATE:

- (a) The retail rates of firm gas Schedules 101, 111 and 112 are to be increased by ~~26.665¢~~ per therm in all blocks of these rate schedules.
- (b) The rates of interruptible Schedules 131 and 132 are to be increased by ~~17.025¢~~ per therm.
- (c) The rate for transportation under Schedule 146 is to be decreased by 0.000¢ per therm.

## WEIGHTED AVERAGE GAS COST:

The above rate changes are based on the following weighted average cost of gas per therm as of the effective date shown below:

	Demand	Commodity	Total
Schedules 101	<del>9.640¢</del>	<del>17.025¢</del>	<del>26.665¢</del>
Schedules 111 and 112	<del>9.640¢</del>	<del>17.025¢</del>	<del>26.665¢</del>
Schedules 131 and 132	<del>0.000¢</del>	<del>17.025¢</del>	<del>17.025¢</del>

**The above amounts include a gross revenue factor.**

	Demand	Commodity	Total
Schedules 101	<del>9.584¢</del>	<del>16.926¢</del>	<del>26.510¢</del>
Schedules 111 and 112	<del>9.584¢</del>	<del>16.926¢</del>	<del>26.510¢</del>
Schedules 131 and 132	<del>0.000¢</del>	<del>16.926¢</del>	<del>16.926¢</del>

**The above amounts do not include a gross revenue factor.**

## BALANCING ACCOUNT:

The Company will maintain a Purchase Gas Adjustment (PGA) Balancing Account whereby monthly entries into this Balancing Account will be made to reflect differences between the actual purchased gas costs collected from customers and the actual purchased gas costs incurred by the Company. Those differences are then collected from or refunded to customers under Schedule 155 – Gas Rate Adjustment.

Issued August 24, 2018

Effective November 1, 2018

Issued by Avista Utilities  
By

Patrick Ehrbar – Director of Regulatory Affairs



AVISTA CORPORATION  
d/b/a Avista Utilities

**SCHEDULE 150  
PURCHASE GAS COST ADJUSTMENT - IDAHO**

**APPLICABLE:**

To Customers in the State of Idaho where Company has natural gas service available.

**PURPOSE:**

To pass through changes in costs resulting from purchasing and transporting natural gas, to become effective as noted below.

**RATE:**

- (a) The retail rates of firm gas Schedules 101, 111 and 112 are to be increased by 24.678¢ per therm in all blocks of these rate schedules.
- (b) The rates of interruptible Schedules 131 and 132 are to be increased by 15.328¢ per therm.
- (c) The rate for transportation under Schedule 146 is to be decreased by 0.000¢ per therm.

**WEIGHTED AVERAGE GAS COST:**

The above rate changes are based on the following weighted average cost of gas per therm as of the effective date shown below:

	Demand	Commodity	Total
Schedules 101	<u>9.350¢</u>	<u>15.328¢</u>	<u>24.678¢</u>
Schedules 111 and 112	<u>9.350¢</u>	<u>15.328¢</u>	<u>24.678¢</u>
Schedules 131 and 132	<u>0.000¢</u>	<u>15.328¢</u>	<u>15.328¢</u>

**The above amounts include a gross revenue factor.**

	Demand	Commodity	Total
Schedules 101	<u>9.295¢</u>	<u>15.239¢</u>	<u>24.534¢</u>
Schedules 111 and 112	<u>9.295¢</u>	<u>15.239¢</u>	<u>24.534¢</u>
Schedules 131 and 132	<u>0.000¢</u>	<u>15.239¢</u>	<u>15.239¢</u>

**The above amounts do not include a gross revenue factor.**

**BALANCING ACCOUNT:**

The Company will maintain a Purchase Gas Adjustment (PGA) Balancing Account whereby monthly entries into this Balancing Account will be made to reflect differences between the actual purchased gas costs collected from customers and the actual purchased gas costs incurred by the Company. Those differences are then collected from or refunded to customers under Schedule 155 – Gas Rate Adjustment.

Issued August 23, 2019

Effective November 1, 2019

Issued by Avista Utilities  
By

Patrick Ehrbar – Director of Regulatory Affairs

AVISTA CORPORATION  
d/b/a Avista Utilities

SCHEDULE 155  
GAS RATE ADJUSTMENT - IDAHO

AVAILABLE:

To Customers in the State of Idaho where Company has natural gas service available.

PURPOSE:

To adjust gas rates for amounts generated by the sources listed below.

MONTHLY RATE:

- (a) The rates of firm gas Schedules 101 and 111 are to be decreased by 3.625¢ per therm in all blocks of these rate schedules.
- (b) The rate of interruptible gas Schedule 131 is to be decreased by 0.000¢ per therm.
- (c) The rate of transportation gas Schedule 146 is to be decreased by 0.000¢ per therm.

SOURCES OF MONTHLY RATE:

Changes in the monthly rates above result from amounts which have been accumulated in the Purchase Gas Adjustment (PGA) Balancing Account as described in Schedule 150 – Purchase Gas Cost Adjustment.

SPECIAL TERMS AND CONDITIONS:

The above Monthly Rate is subject to the provisions of Tax Adjustment Schedule 158.

Issued August 23, 2019

Effective November 1, 2019

Issued by Avista Utilities  
By

Patrick Ehrbar, Director of Regulatory Affairs



AVISTA CORPORATION  
d/b/a Avista Utilities

SCHEDULE 155  
GAS RATE ADJUSTMENT - IDAHO

AVAILABLE:

To Customers in the State of Idaho where Company has natural gas service available.

PURPOSE:

To adjust gas rates for amounts generated by the sources listed below.

MONTHLY RATE:

- (a) The rates of firm gas Schedules 101 and 111 are to be decreased by ~~9.145¢~~ per therm in all blocks of these rate schedules.
- (b) The rate of interruptible gas Schedule 131 is to be decreased by 0.000¢ per therm.
- (c) The rate of transportation gas Schedule 146 is to be decreased by ~~0.265¢~~ per therm.

SOURCES OF MONTHLY RATE:

Changes in the monthly rates above result from amounts which have been accumulated in the Purchase Gas Adjustment (PGA) Balancing Account as described in Schedule 150 – Purchase Gas Cost Adjustment.

SPECIAL TERMS AND CONDITIONS:

The above Monthly Rate is subject to the provisions of Tax Adjustment Schedule 158.

Issued August 24, 2018

Effective November 1, 2018

Issued by Avista Utilities  
By

Patrick Ehrbar, Director of Regulatory Affairs

AVISTA CORPORATION  
d/b/a Avista Utilities

SCHEDULE 155  
GAS RATE ADJUSTMENT - IDAHO

AVAILABLE:

To Customers in the State of Idaho where Company has natural gas service available.

PURPOSE:

To adjust gas rates for amounts generated by the sources listed below.

MONTHLY RATE:

- (a) The rates of firm gas Schedules 101 and 111 are to be decreased by 3.625¢ per therm in all blocks of these rate schedules.
- (b) The rate of interruptible gas Schedule 131 is to be decreased by 0.000¢ per therm.
- (c) The rate of transportation gas Schedule 146 is to be decreased by 0.000¢ per therm.

SOURCES OF MONTHLY RATE:

Changes in the monthly rates above result from amounts which have been accumulated in the Purchase Gas Adjustment (PGA) Balancing Account as described in Schedule 150 – Purchase Gas Cost Adjustment.

SPECIAL TERMS AND CONDITIONS:

The above Monthly Rate is subject to the provisions of Tax Adjustment Schedule 158.

Issued August 23, 2019

Effective November 1, 2019

Issued by Avista Utilities  
By

Patrick Ehrbar, Director of Regulatory Affairs

**AVISTA UTILITIES**

Case No. AVU-G-19-06

**EXHIBIT “B”**

Notice of Public Applicant’s Proposed Tariffs

AVISTA UTILITIES  
NOTICE OF IDAHO TARIFF CHANGE  
(Natural Gas Service Only)

Notice is hereby given that the "Sheets" listed below of Tariff IPUC No. 27, covering natural gas service applicable to Idaho customers of Avista Utilities have been filed with the Idaho Public Utilities Commission (IPUC) in Boise, Idaho.

<b>Twenty-Seventh Revision Sheet 150</b>	canceling	<b>Twenty-Sixth Revision Sheet 150</b>
<b>Twenty-First Revision Sheet 155</b>	canceling	<b>Twentieth Revision Sheet 155</b>

Twenty-First Revision Sheet 155 updates the amortization rate used to refund or recover previous gas cost differences and Twenty-Seventh Revision Sheet 150 updates the forward-looking cost of natural gas purchased for customer usage.

These tariffs request an annual revenue *increase* of approximately \$3.3 million, or about 5.6%. This filing requests an effective date of November 1, 2019.

PGAs are filed each year to balance the actual cost of wholesale natural gas purchased by Avista to serve customers with the amount included in rates. This includes the natural gas commodity cost as well as the cost to transport natural gas on interstate pipelines to Avista's local distribution system. If the request is approved, Avista residential customers using an average of 64 therms per month would see their monthly bill to increase from \$47.62 to \$49.88, beginning Nov. 1, 2019, an increase of \$2.26 or 4.8 percent. Avista's natural gas revenues would increase by \$3.3 million, or approximately 5.6 percent. The requested natural gas rate change by customer segment is as follows:

General Service - Firm - Schedule 101 - Residential & Small Commercial	4.8%
Large General Service - Firm - Schedules - Commercial 111 & 112	8.9%
High Annual Load Factor Large - Interruptible Service Schedules 132	2.0%

Avista does not mark up the cost of natural gas purchased to meet customer needs, so the filing does not increase or decrease company earnings.

The Company's application is a proposal, subject to public review and a Commission decision. Copies of the application are available for public review at the offices of both the Commission and Avista, and on the Commission's website ([www.puc.idaho.gov](http://www.puc.idaho.gov)). Customers may file with the Commission written comments related to the Company's filings. Customers may also subscribe to the Commission's RSS feed (<http://www.puc.idaho.gov/rssfeeds/rss.htm>) to receive periodic updates via e-mail about the case. Copies of rate filings are also available on our website, [www.myavista.com/rates](http://www.myavista.com/rates).

If you would like to submit comments on the proposed rate decrease, you can do so by going to the Commission website or mailing comments to:

Idaho Public Utilities Commission  
P. O. Box 83720  
Boise, ID 83720-0074

Copies of the proposed tariff changes are also available for inspection in the Company's offices, its website ([www.myavista.com/rates](http://www.myavista.com/rates)), by calling (509) 495-4565 or by writing:

Avista Utilities  
Attention: Director of Regulatory Affairs  
P.O. Box 3727  
Spokane, WA. 99220-3727

August 23, 2019



# **AVISTA UTILITIES**

Case No. AVU-G-19-06

## **EXHIBIT “D”**

**Lost and Unaccounted For Calculation**

12 MONTHS ENDED TOTAL  
LOSS & UNACCOUNTED FOR GAS  
BY DELIVERY POINT - THERMS

## WASHINGTON

	DELIVERY	REVENUE	LOSS +/- GAIN	% OF PURCHASE
WA SPO-CDA area	233,555,747	231,697,067	1,858,680	0.80
WA LEWIS-CLARK area	5,489,000	5,407,704	81,296	1.50
	239,044,747	237,104,771	1,939,976	0.82
Colfax	1,300,030	1,745,351	(445,321)	(25.51)
Colton	175,770	172,446	3,324	1.93
Connell	7,843,310	7,748,546	94,764	1.22
Endicott	144,200	141,584	2,616	1.85
Goldendale	1,053,450	1,048,673	4,777	0.46
LaCrosse	154,270	136,194	18,076	13.27
Lind	163,990	159,662	4,328	2.71
Medical Lake	6,473,160	6,196,641	276,519	4.46
Palouse-Albion	496,000	442,337	53,663	12.13
Pullman	17,942,930	17,473,338	469,592	2.69
Ritzville-Sprague-Keystone	1,021,280	1,059,096	(37,816)	(3.57)
Rosalia	225,560	226,820	(1,260)	(0.56)
Saint John	261,750	244,716	17,034	6.96
Spangle	316,730	87,350	229,380	262.60
Stevenson	731,220	732,136	(916)	(0.13)
Union Town	122,510	120,223	2,287	1.90
Warden	6,012,900	5,772,329	240,571	4.17
WASHINGTON TOTAL	283,483,807	280,612,212	2,871,594	1.02

## IDAHO

	DELIVERY	REVENUE	LOSS +/-	% OF PURCHASE
ID SPO-CDA area	59,041,953	58,572,086	469,867	0.80
ID LEWIS-CLARK area	58,654,320	57,785,610	868,710	1.50
	117,696,273	116,357,696	1,338,577	1.15
Bonnors	3,129,820	5,681,978	(2,552,158)	(44.92)
Genesee	282,120	256,742	25,378	9.88
Kellogg	4,736,430	4,953,130	(216,700)	(4.38)
Moscow	7,467,890	7,458,375	9,515	0.13
Pinehurst-Kingston	894,100	550,984	343,116	62.27
Sandpoint	8,670,780	5,965,821	2,704,959	45.34
Smelterville-Page	498,550	324,791	173,759	53.50
IDAHO TOTAL	143,375,963	141,549,516	1,826,447	1.29

## Palouse Interconnect Line (WA and ID):

COLFAX	1,300,030	1,745,351	(445,321)	(25.51)
COLTON	175,770	172,446	3,324	1.93
ENDICOTT	144,200	141,584	2,616	1.85
GENESEE	282,120	256,742	25,378	9.88
LEWIS-CLARK	64,143,320	63,193,314	950,006	1.50
MOSCOW	7,467,890	7,458,375	9,515	0.13
PALOUSE-ALBION	496,000	442,337	53,663	12.13
PULLMAN	17,942,930	17,473,338	469,592	2.69
UNION TOWN	122,510	120,223	2,287	1.90
	92,074,770	91,003,709	1,071,061	1.18

# **AVISTA UTILITIES**

Case No. AVU-G-19-06

## **EXHIBIT “E”**

### **Pipeline Tariffs**

AVISTA CORPORATION						
Index of Customer Rates						
6/12/2019						
PIPELINE	TARIFF	MILEAGE RATE	NON MILEAGE RATE	NOTES	LINK	
GTNW	FTS-1	\$ 0.000391	\$ 0.030954	\$/Dth/day	<a href="http://www.tcplus.com/GTN/Tariff/CurrEffRates">http://www.tcplus.com/GTN/Tariff/CurrEffRates</a>	
GTNW	FTS-1 E-1	\$ 0.002483	\$ 0.004177	\$/Dth/day		
NWPL	TF-1		\$ 0.39033	\$/Dth/day	<a href="http://www.northwest.williams.com/NWP_Portal/extLoc.action?Loc=FilesNorthwestTariff&amp;File=tariff_StatementofRates.pdf">http://www.northwest.williams.com/NWP_Portal/extLoc.action?Loc=FilesNorthwestTariff&amp;File=tariff_StatementofRates.pdf</a>	
NWPL	TF-2		\$ 0.39033	\$/Dth/day		
NWPL	SGS-2F		\$ 0.01562	\$/Dth/day		
TCPLAB	FT-D		\$ 5.48	\$CAD/GJ/month	<a href="http://www.tccustomerexpress.com/2766.html">http://www.tccustomerexpress.com/2766.html</a>	
			90% Term discount			
			4.932			
			0.29	Abandonment surcharge		
			\$ 5.22	\$CAD/GJ/month		
TCPLBC	FT		\$ 0.0163193182	\$CAD/GJ/Km	<a href="http://www.tccustomerexpress.com/2768.html">http://www.tccustomerexpress.com/2768.html</a>	
			170.7 Km			
			2.785707617			
			0.125019618	Abandonment surcharge		
			\$ 2.910727234	\$CAD/GJ/month		
TGTC	FT		\$ 8.2194	\$/Dth/month	<a href="http://www.tcplus.com/Tuscarora/Tariff/CurrEffRates">http://www.tcplus.com/Tuscarora/Tariff/CurrEffRates</a>	
WEI	FTS-Southern		\$ 609.09	\$CAD/103M3/month	<a href="https://noms.wei-pipeline.com/CustomerContent/tariff/toll_schedules/ts08_transport_south.pdf">https://noms.wei-pipeline.com/CustomerContent/tariff/toll_schedules/ts08_transport_south.pdf</a>	

STATEMENT OF EFFECTIVE RATES AND CHARGES FOR  
TRANSPORTATION OF NATURAL GAS

Rate Schedules FTS-1, LFS-1, and FHS

For Rate Schedules FTS-1 and LFS-1:

	RESERVATION							
	DAILY MILEAGE (a) (Dth-MILE)		DAILY NON-MILEAGE (b) (Dth)		DELIVERY (c) (Dth-MILE)		FUEL (d) (Dth-MILE)	
	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>
BASE	0.000391	0.000000	0.030954	0.000000	0.000016	0.000016	0.0050%	0.0000%
STF (e)	(e)	0.000000	(e)	0.000000	0.000016	0.000016	0.0050%	0.0000%
EXTENSION CHARGES								
MEDFORD								
E-1 (f)	0.002483	0.000000	0.004177	0.000000	0.000026	0.000026	---	---
E-2 (h) (Diamond 1)	0.002972	0.000000	---	---	0.000000	0.000000	---	---
E-2 (h) (Diamond 2)	0.001166	0.000000	---	---	0.000000	0.000000	---	---
COYOTE SPRINGS								
E-3 (i)	0.001154	0.000000	0.001155	0.000000	0.000000	0.000000	---	---
CARTY LATERAL								
E-4 (p)	---	---	0.149828	0.000000	0.000000	0.000000	---	---
OVERRUN CHARGE (j)								
	---	---	---	---	---	---	---	---
SURCHARGES								
ACA (k)	---	---	---	---	(k)	(k)	---	---

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For Rate Schedule FHS:

The Mainline and Extension Reservation rates shown above for Rate Schedules FTS-1 and LFS-1 shall also be applicable to service under Rate Schedule FHS, except that the Mileage and Non-Mileage Components shall be adjusted to reflect the expedited hours of gas flow ("HF") utilizing the following formulas, rounded to 6 decimal places:

(a) Mileage Reservation Component =  $FTS-1M \times \text{Miles} \times (24/HF)$

(b) Non-Mileage Reservation Component =  $FTS-1NM \times (24/HF)$

where:

FTS-1M	=	Applicable FTS-1 Mileage Reservation Charge
FTS-1NM	=	Applicable FTS-1 Non-Mileage Reservation Charge
Miles	=	Distance, in pipeline miles, from the Primary Point(s) of Receipt to the Primary Point(s) of Delivery as set forth in Shipper's Contract
HF	=	MDQ/MHQ

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STATEMENT OF EFFECTIVE RATES AND CHARGES FOR  
 TRANSPORTATION OF NATURAL GAS (a)

Rate Schedule ITS-1

	MILEAGE (n) (Dth-Mile)		NON-MILEAGE (o) (Dth)		DELIVERY (c) (Dth-Mile)		FUEL (d) (Dth-Mile)	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
BASE	(e)	0.000000	(e)	0.000000	0.000016	0.000016	0.0050%	0.0000%
EXTENSION CHARGES								
MEDFORD								
E-1 (Medford) (f)	0.002483	0.000000	0.004177	0.000000	0.000026	0.000026	---	---
COYOTE SPRINGS								
E-3 (Coyote Springs) (i)	0.001154	0.000000	0.001155	0.000000	0.000000	0.000000	---	---
CARTY LATERAL								
E-4 (Carty Lateral) (p)	---	---	0.149828	0.000000	0.000000	0.000000	---	---
SURCHARGES								
ACA (k)	---	---	(k)	(k)	---	---	---	---

Rate Schedule IHS

	MILEAGE (n) (Dth-Mile)		NON-MILEAGE (o) (Dth)		DELIVERY (c) (Dth-Mile)		FUEL (d) (Dth-Mile)	
	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>
BASE	(e)	0.000000	(e)	0.000000	0.000016	0.000016	0.0050%	0.0000%
EXTENSION CHARGES								
MEDFORD								
E-1 (Medford) (f)	0.005959	0.000000	0.010025	0.000000	0.000026	0.000026	---	---
COYOTE SPRINGS								
E-3 (Coyote Springs) (i)	0.002770	0.000000	0.002772	0.000000	0.000000	0.000000	---	---
CARTY LATERAL								
E-4 (Carty Lateral) (p)	---	---	0.359587	0.000000	0.000000	0.000000	---	---
SURCHARGES								
ACA (k)	---	---	(k)	(k)	---	---	---	---

STATEMENT OF EFFECTIVE RATES AND CHARGES  
FOR TRANSPORTATION OF NATURAL GAS

Notes:

- (a) The mileage component shall be applied per pipeline mile to gas transported by GTN for delivery to shipper based on the primary receipt and delivery points in Shipper's contract. Consult GTN's system map in Section 3 for receipt and delivery point and milepost designations.
- (b) The non-mileage component is applied per Shipper's MDQ at Primary Point(s) of Delivery on Mainline Facilities.
- (c) The delivery rates are applied per pipeline mile to gas transported by GTN for delivery to shipper based on distance of gas transported. Consult GTN's system map in Section 3 for receipt and delivery point and milepost designations.
- (d) Fuel Use: Shipper shall furnish gas used for compressor station fuel, line loss, and other utility purposes, plus other unaccounted-for gas used in the operation of GTN's combined pipeline system in an amount equal to the sum of the current fuel and line loss percentage and the fuel and line loss percentage surcharge in accordance with Section 6.38 of this tariff, multiplied by the distance in pipeline miles transported from the receipt point to the delivery point multiplied by the transportation quantities of gas received from Shipper under these rate schedules. The current fuel and line loss percentage shall be adjusted each month between the maximum rate of 0.0050% per Dth per pipeline mile and the minimum rate of 0.0000% per Dth per mile. The fuel and line loss percentage surcharge is 0.0000% per Dth per pipeline mile. No fuel use charges will be assessed for backhaul service. Currently effective fuel charges may be found on GTN's Internet website under "Informational Postings."
- (e) Seasonal recourse rates apply to short-term firm (STF) service under Rate Schedules FTS-1 and FHS (i.e., firm service that has a term of less than one year and that does not include multiple-year seasonal service) and IT Service under Rate Schedules ITS-1 and IHS. By March 1 of each year GTN may designate up to four (4) months as peak months during a twelve-month period beginning on June 1 of the same year through May 31 of the following year. All other months will be considered off-peak months. Reservation rate components that apply to STF service and per-unit-rate ITS-1 and IHS service are as follows (delivery charges and applicable surcharges continue to apply):

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For STF and ITS-1:

	4 Peak Mos.	3 Peak Mos.	2 Peak Mos.	1 Peak Mo.	0 Peak Mos.
Peak NM Res.	\$0.043336	\$0.043336	\$0.043336	\$0.043336	\$0.030954
Peak Mi. Res.	\$0.000547	\$0.000547	\$0.000547	\$0.000547	\$0.000391
Off-Pk NM Res.	\$0.024763	\$0.026827	\$0.028478	\$0.029828	\$0.030954
Off-Pk Mi. Res.	\$0.000313	\$0.000339	\$0.000360	\$0.000377	\$0.000391

For IHS:

	4 Peak Mos.	3 Peak Mos.	2 Peak Mos.	1 Peak Mo.	0 Peak Mos.
Peak NM Res.	\$0.104006	\$0.104006	\$0.104006	\$0.104006	\$0.074290
Peak Mi. Res.	\$0.001313	\$0.001313	\$0.001313	\$0.001313	\$0.000938
Off-Pk NM Res.	\$0.059431	\$0.064385	\$0.068347	\$0.071587	\$0.074290
Off-Pk Mi. Res.	\$0.000751	\$0.000814	\$0.000864	\$0.000905	\$0.000938

Months currently designated as "Peak Months" may be found on GTN's Internet website under "Informational Postings." By March 1 of each year, GTN will post the Peak Months for the upcoming twelve-month period beginning June 1 of the same year.

- (f) Applicable to firm service on GTN's Medford Extension.
- (g) Reserved for Future Use.
- (h) E-2 (Diamond 1) is a Negotiated Rate consisting of a reservation charge of \$0.002972 per Dth per day for the first 45,000 Dth/d and E-2 (Diamond 2) is a Negotiated Rate consisting of a reservation charge of \$0.001166 per Dth per day for the second 45,000 Dth/d. During leap years, E-2 (Diamond 1) is a Negotiated Rate consisting of a reservation charge of \$0.002964 per Dth per day for the first 45,000 Dth/d and E-2 (Diamond 2) is a Negotiated Rate consisting of a reservation charge of \$0.001163 per Dth per day for the second 45,000 Dth/d. Pursuant to Article VI, Subsections B and C of the Amended Stipulation and Agreement filed with the Commission on October 16, 2018, in Docket No. RP15-904-001, and as accepted by Order of the Commission dated November 30, 2018, the Diamond 1 and Diamond 2 Negotiated Rates in Section 4.1, above, shall be modified as follows: 1) from January 1, 2019, through December 31, 2019, and January 1, 2021 through December 31, 2021, the Diamond 1 reservation charge shall be \$0.002823 and the Diamond 2 reservation charge shall be \$0.001108; 2) from January 1, 2020, through December 31, 2020, the Diamond 1 reservation charge shall be \$0.002816 and the Diamond 2 reservation charge shall be \$0.001105.
- (i) Applicable to firm service on GTN's Coyote Springs Extension.

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- (j) The Overrun Charge shall be equal to the rates and charges set forth for interruptible service under Rate Schedule ITS-1.
- (k) In accordance with Section 6.22 of the Transportation General Terms and Conditions of this FERC Gas Tariff, Fourth Revised Volume No. 1-A, all Transportation services that involve the physical movement of gas shall pay an ACA unit adjustment. The currently effective ACA unit adjustment as published on the Commission's website ([www.ferc.gov](http://www.ferc.gov)) is incorporated herein by reference. This adjustment shall be in addition to the Base Tariff Rate(s) specified above.
- (l) Reserved for Future Use.
- (m) Reserved.
- (n) The Rate Schedule ITS-1 Mileage Component shall be applied per pipeline mile to gas transported by GTN based on the distance of gas transported. Consult GTN's system map in Section 3 for receipt and delivery point and milepost designations.
- (o) The Rate Schedule ITS-1 Non-Mileage Component shall be applied per Dth of gas transported by GTN for immediate delivery to the facilities of another entity or an extension facility.
- (p) Applicable to firm service on GTN's Carty Lateral Extension.

STATEMENT OF EFFECTIVE RATES AND CHARGES  
 FOR TRANSPORTATION OF NATURAL GAS

NEGOTIATED RATE AGREEMENTS UNDER RATE SCHEDULES FTS-1 AND LFS-1

<u>SHIPPER</u>	<u>TERM OF CONTRACT</u>	<u>RATE SCHEDULE</u>	<u>DTH/D</u>	<u>PRIMARY RECEIPT POINT</u>	<u>PRIMARY DELIVERY POINT</u>	<u>RATE /2 /3</u>
Avista Corporation /1	11/1/01 - 10/31/25	FTS-1	20,000	Medford	Medford Ext. Meter	/7
Powerex Corp./1	04/01/16 - 10/31/16	FTS-1	20,000	Kingsgate	Malin	/5
Mercuria Commodities Canada Corporation /1	04/01/18 03/31/24	FTS-1	60,000	Kingsgate	Malin	/4
Avangrid Renewables, LLC /1	06/03/01 10/31/25	FTS-1	80,000	Medford	Klamath Cogeneration	/6

Issued: December 31, 2018  
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Docket No. RP19-530-000  
 Accepted: January 22, 2019



STATEMENT OF EFFECTIVE RATES AND CHARGES  
FOR TRANSPORTATION OF NATURAL GAS

Negotiated Rate Agreements Under Rate Schedules FTS-1 and LFS-1

Explanatory Footnotes for Negotiated Rates  
under Rate Schedules FTS-1 and LFS-1

- /1 This contract does not deviate in any material aspect from the Form of Service Agreement in this Tariff.
- /2 Unless otherwise noted, all Shippers pay GTN's maximum Reservation Charge, Delivery Charge, ACA, and contribute fuel in-kind in accordance with this Tariff.
- /3 Index Price References: Unless otherwise noted, references to "Daily Index Price" shall mean the price survey midpoint for the specified point as published in Gas Daily for the day of gas flow. Weekend and holiday prices will be determined using the next available Gas Daily publication. Unless otherwise noted, the references to the "NGI FOM" for a specified point shall mean Natural Gas Intelligence's First of Month Bid Week Survey (Supplement to NGI's Weekly Gas Index) Spot Gas Price for the specified point.
- /4 a. GTN and Shipper have agreed to a fixed reservation reservation charge of \$.2565 along with applicable surcharges for all quantities on the Kingsgate to Malin path.
- b. Effective the earlier of January 1, 2022, or the termination of the Amended Settlement in Docket No. RP15-904-001, the Rate Reduction shall expire and the negotiated rate shall revert to \$.27 along with applicable surcharges for all quantities on the Kingsgate to Malin path.
- /5 GTN and Shipper have agreed to a Fixed Reservation Rate Charge of \$0.26300 inclusive of the mileage and non-mileage components, which shall be applicable to the Primary Receipt and Delivery Points as well as secondary points, as follows:
- Secondary Receipt Points: All points on GTN's system  
Secondary Delivery Points: All points on GTN's system
- In addition, Shipper shall pay all applicable charges and surcharges in accordance with GTN's FERC Gas Tariff.
- /6 a. For the period January 1, 2019, to December 31, 2021, GTN and Shipper have agreed that the negotiated rate shall be \$0.085821 for the Monthly Reservation Charge for the Initial Quantity set forth in Exhibit B of the agreement, and \$0.033703 for the Monthly Reservation Charge for the Option Quantity set forth in Exhibit B of the agreement along with applicable surcharges.

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b. Effective the earlier of January 1, 2022, or the termination of the Amended Settlement in Docket No. RP15-904-001, the rate reduction described in a., above, shall expire and the negotiated rate shall revert to \$0.090338 per dekatherm per mile for the Monthly Reservation Charge for the Initial Quantity set forth in Exhibit B of the agreement, and \$0.035477 for the Monthly Reservation Charge for the Option Quantity set forth in Exhibit B of the agreement along with applicable surcharges.

- /7 The Reservation charge shall be equal to the rate set forth in GTN's FERC Gas Tariff identified as FTS-1 E-2 (WWP), or its successor, multiplied by the appropriate Effective Period Percentage as shown in the following table.

Effective Period	Percentage
11/1/01-10/31/02	75%
11/1/02-10/31/03	80%
11/1/03-10/31/04	85%
11/1/04-10/31/05	90%
11/1/05-10/31/06	95%
11/1/06-10/31/25	100%

The Daily Delivery Charge shall be equal to the 100% load factor equivalent of the FTS-1 E-2 rate, or its successor, and shall be multiplied by the positive difference between (a) volumes delivered and (b) the contract MDQ times the appropriate Effective Period Percentage.

Daily Delivery Charge = [Dth Delivered - (MDQ \* Effective Period %)] \* 100% Load Factor Equivalent FTS-1 E-2

- /8 Reserved  
/9 Reserved  
/10 Reserved  
/11 Reserved  
/12 Reserved  
/13 Reserved  
/14 Reserved  
/15 Reserved

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/16 Reserved

/17 Reserved

/18 Reserved

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STATEMENT OF EFFECTIVE RATES AND CHARGES  
FOR TRANSPORTATION OF NATURAL GAS

NEGOTIATED RATE AGREEMENTS UNDER RATE SCHEDULE ITS-1 AND PAL

<u>SHIPPER</u>	<u>TERM OF</u> <u>CONTRACT</u>	<u>RATE</u> <u>SCHEDULE</u>	<u>DTH/D</u>	<u>PRIMARY</u> <u>RECEIPT</u> <u>POINT</u>	<u>PRIMARY</u> <u>DELIVERY</u> <u>POINT</u>	<u>RATE</u> <u>/2 /3</u>
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Issued: April 24, 2015  
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Docket No. RP15-905-000  
Accepted: May 29, 2015

STATEMENT OF EFFECTIVE RATES AND CHARGES  
FOR TRANSPORTATION OF NATURAL GAS

NEGOTIATED RATE AGREEMENTS UNDER RATE SCHEDULE ITS-1 AND PAL

Explanatory Footnotes for Negotiated Rates under Rate Schedule ITS-1 and PAL

- /1 This contract does not deviate in any material aspect from the Form of Service Agreement in this Tariff.
- /2 Unless otherwise noted, all Shippers pay GTN's maximum Mileage and Non-Mileage Charge, ACA, and contribute fuel in-kind in accordance with this Tariff.
- /3 Index Price References: Unless otherwise noted, references to "Daily Index Price" shall mean the price survey midpoint for the specified point as published in Gas Daily for the day of gas flow. Weekend and holiday prices will be determined using the next available Gas Daily publication. Unless otherwise noted, the references to the "NGI FOM" for a specified point shall mean Natural Gas Intelligence's First of Month Bid Week Survey (Supplement to NGI's Weekly Gas Index) Spot Gas Price for the specified point.

Issued: April 24, 2015  
Effective: June 1, 2015

Docket No. RP15-905-000  
Accepted: May 29, 2015

NON-CONFORMING SERVICE AGREEMENTS  
PURSUANT TO § 154.112(b)

Name of Shipper	Contract Number	Rate Schedule	Effective Date	Termination Date
Cascade Natural Gas Corporation	152	FTS-1	11/1/1993	10/31/2023
Chevron USA Inc.	153	FTS-1	11/1/1993	10/31/2023
City of Burbank	154	FTS-1	11/1/1993	10/31/2023
IGI Resources, Inc.	158	FTS-1	11/1/1993	10/31/2013
Northern California Power Agency	163	FTS-1	11/1/1993	10/31/2023
Talisman Energy Inc	167	FTS-1	11/1/1993	10/31/2023
Paramount Resources US Inc.	168	FTS-1	11/1/1993	10/31/2023
Petro-Canada Hydrocarbons, Inc.	169	FTS-1	11/1/1993	10/31/2023
Sacramento Municipal Utility District	170	FTS-1	11/1/1993	10/31/2023
Avista Corporation	177	FTS-1	11/1/1993	10/31/2023
Avista Corporation	178	FTS-1	11/1/1993	10/31/2023
Cascade Natural Gas Corporation	179	FTS-1	11/1/1993	10/31/2023
Northwest Natural Gas Company	180	FTS-1	11/1/1993	10/31/2023
Puget Sound Energy, Inc.	181	FTS-1	11/1/1993	10/31/2023
Avista Corporation	182	FTS-1	11/1/1993	10/31/2023
Avista Corporation	2591	FTS-1	8/1/1995	10/31/2025
Avista Corporation	2857	FTS-1	11/1/1995	10/31/2025
Avista Corporation	2858	FTS-1	11/1/1995	10/31/2025
Iberdrola Renewables, Inc.	7828	FTS-1	6/3/2001	10/31/2025
Avista Corporation	8035	FTS-1	11/1/2001	10/31/2025
Pacific Gas and Electric Company	111	ITS-1	2/1/1992	10/31/2010
Northwest Natural Gas Company	112	ITS-1	4/1/1992	3/31/2011
Petro-Canada Hydrocarbons, Inc.	119	ITS-1	4/22/1992	4/22/2011
Morgan Stanley Capital Group Inc.	144	ITS-1	7/23/1993	9/30/2010
Shell Energy North America (US), L.P.	146	ITS-1	8/1/1993	8/1/2010
BP Canada Energy Marketing Corp.	4621	AIS-1	12/1/1996	12/31/2010
Sempra Energy Trading Corp.	4721	AIS-1	1/1/1997	12/31/2010
EnCana Marketing (USA) Inc.	4770	AIS-1	1/25/1997	12/31/2010
Nexen Marketing U.S.A., Inc.	6759	AIS-1	6/17/1999	12/31/2010
Shell Energy North America (US), L.P.	7047	AIS-1	4/10/2000	12/31/2010
Sierra Pacific Power Company	7068	AIS-1	4/27/2000	12/4/2019
City of Glendale	7804	AIS-1	5/30/2001	12/31/2021
Iberdrola Renewables, Inc.	7806	AIS-1	5/30/2001	12/31/2021
Petro-Canada Hydrocarbons, Inc.	7807	AIS-1	5/30/2001	12/31/2021
Chevron U.S.A. Inc.	7812	AIS-1	5/30/2001	12/31/2021
Salmon Resources Ltd.	7816	AIS-1	5/30/2001	12/31/2021
Constellation Energy Commodities Group, Inc.	8038	AIS-1	8/2/2001	8/31/2021
Enserco Energy Inc.	8176	AIS-1	11/27/2001	11/30/2021
ConocoPhillips Company	8228	AIS-1	1/8/2002	1/31/2022
UBS AG (London Branch)	8318	AIS-1	4/11/2002	4/30/2023

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Concord Energy LLC	8421	AIS-1	7/22/2002	7/31/2012
Tenaska Marketing Ventures	8559	AIS-1	1/1/2003	12/31/2012
Cargill, Inc.	8594	AIS-1	3/19/2003	3/31/2013
Merrill Lynch Commodities, Inc.	8674	AIS-1	6/13/2003	6/13/2023
Apache Corporation	8670	AIS-1	7/1/2003	6/30/2013
Tenaska Marketing Ventures	8880	AIS-1	12/1/2003	11/30/2013
California Dept. of Water Resources	8887	AIS-1	12/1/2003	7/1/2011
United Energy Trading, LLC	9002	AIS-1	3/1/2004	2/28/2014
Select Natural Gas LLC	8978	AIS-1	3/3/2004	3/3/2014
National Fuel Marketing Company LLC	9035	AIS-1	4/27/2004	4/30/2014
Fortis Energy Marketing & Trading GP	9115	AIS-1	7/17/2004	6/30/2014
Powerex Corp.	9149	AIS-1	8/16/2004	7/31/2014
Louis Dreyfus Energy Services L.P.	9281	AIS-1	11/8/2004	10/31/2014
Pacific Summit Energy LLC	9285	AIS-1	11/15/2004	10/31/2010
Devlar Energy Marketing, LLC	9630	AIS-1	6/1/2005	5/31/2015
Suncor Energy Marketing Inc.	9774	AIS-1	10/1/2005	9/30/2015
CanNat Energy Inc.	10197	AIS-1	7/26/2006	7/25/2011
Eagle Energy Partners I, LP	10308	AIS-1	10/27/2006	10/31/2011
Sequent Energy Management LP	10336	AIS-1	11/1/2006	10/31/2010
Occidental Energy Marketing, Inc.	10359	AIS-1	12/22/2006	12/31/2010
NextEra Energy Power Marketing, LLC	10625	AIS-1	4/10/2008	4/30/2018
Natural Gas Exchange, Inc.	10639	AIS-1	4/29/2008	4/30/2018
Citigroup Energy Inc.	10646	AIS-1	5/30/2008	5/31/2018
IGI Resources, Inc.	4576	PS-1	12/1/1996	12/31/2010
Macquarie Cook Energy, LLC	4619	PS-1	12/1/1996	12/31/2010
Sempra Energy Trading Corp.	4720	PS-1	1/1/1997	12/31/2010
EnCana Marketing (USA) Inc.	4868	PS-1	3/1/1997	12/31/2010
Shell Energy North America (US), L.P.	4908	PS-1	3/5/1997	12/31/2010
Husky Gas Marketing Inc.	5348	PS-1	7/3/1997	12/31/2010
Enserco Energy Inc.	5677	PS-1	10/6/1997	12/31/2010
National Fuel Marketing Company LLC	5679	PS-1	10/7/1997	12/31/2010
United States Gypsum Company	5837	PS-1	11/3/1997	5/17/2010
Northwest Natural Gas Company	5992	PS-1	2/13/1998	12/31/2023
Chevron U.S.A. Inc.	6226	PS-1	5/14/1998	12/31/2010
San Diego Gas & Electric Company	6378	PS-1	8/25/1998	12/31/2010
Southern California Gas Company	6613	PS-1	12/14/1998	12/31/2010
Puget Sound Energy, Inc.	7061	PS-1	4/20/2000	4/20/2020
Hermiston Generating Company, L.P.	7798	PS-1	5/30/2001	12/31/2021
City of Glendale	7803	PS-1	5/30/2001	12/31/2021
Iberdrola Renewables, Inc.	7805	PS-1	5/30/2001	12/31/2021
Questar Energy Trading Company	7819	PS-1	5/30/2001	12/31/2021
El Paso Energy Marketing Company	7820	PS-1	5/30/2001	12/31/2021
Sempra Energy Trading Corp.	7833	PS-1	6/14/2001	6/8/2020
Constellation Energy Commodities Group, Inc.	8037	PS-1	8/2/2001	8/31/2021
ConocoPhillips Company	8229	PS-1	1/8/2002	1/31/2022
Tractebel Energy Marketing, Inc.	8283	PS-1	3/14/2002	3/31/2022
UBS AG (London Branch)	8316	PS-1	4/11/2002	4/30/2023

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RWE Trading Americas Inc.	8324	PS-1	4/16/2002	4/30/2022
Fortis Energy Marketing & Trading GP	8340	PS-1	5/2/2002	5/31/2022
Concord Energy LLC	8406	PS-1	7/22/2002	7/31/2012
Select Natural Gas LLC	8534	PS-1	11/15/2002	10/31/2012
Tenaska Marketing Ventures	8539	PS-1	12/1/2002	11/30/2012
Cargill, Inc.	8595	PS-1	3/19/2003	3/31/2013
United Energy Trading, LLC	8652	PS-1	5/23/2003	5/31/2013
Apache Corporation	8668	PS-1	7/1/2003	6/30/2013
Occidental Energy Marketing, Inc.	8784	PS-1	9/10/2003	8/31/2013
Tenaska Marketing Ventures	8873	PS-1	12/1/2003	11/30/2013
California Dept. of Water Resources	8886	PS-1	12/1/2003	7/1/2011
Devon Canada Marketing Corporation	8923	PS-1	2/1/2004	1/31/2014
Merrill Lynch Commodities, Inc.	9018	PS-1	4/7/2004	4/7/2014
Pacific Summit Energy LLC	9173	PS-1	8/30/2004	8/30/2010
Louis Dreyfus Energy Canada LP	9263	PS-1	10/29/2004	10/31/2010
Louis Dreyfus Energy Services L.P.	9273	PS-1	11/4/2004	10/31/2014
Devlar Energy Marketing, LLC	9584	PS-1	5/2/2005	4/30/2015
Suncor Energy Marketing Inc.	9772	PS-1	10/1/2005	9/30/2015
J.P. Morgan Ventures Energy Corporation	9948	PS-1	2/1/2006	1/31/2016
CanNat Energy Inc.	10195	PS-1	7/26/2006	7/25/2011
Eagle Energy Partners I, LP	10310	PS-1	10/27/2006	10/31/2011
Sequent Energy Management LP	10332	PS-1	11/1/2006	10/31/2011
El Paso Ruby Holding Company, LLC	12071	FTS-1	11/1/2012	3/31/2018
Portland General Electric Company	17293	FTS-1	10/31/2015	10/31/2045

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STATEMENT OF RATES  
 Effective Rates Applicable to  
 Rate Schedules TF-1, TF-2, TI-1, TFL-1 and TIL-1  
 (Dollars per Dth)

Rate Schedule and Type of Rate	Base Tariff Rate(1),(3)	
	Minimum	Maximum
Rate Schedule TF-1 (4)(5)		
Reservation		
(Large Customer)		
System-Wide	.00000	.39033
25 Year Evergreen Exp.	.00000	.32039
Volumetric (2)		
(Large Customer)		
System-Wide	.00832	.00832
25 Year Evergreen Exp.	.00832	.00832
(Small Customer) (6)	.00832	.69427
Scheduled Overrun (2)	.00832	.39865
Rate Schedule TF-2 (4)(5)		
Reservation	.00000	.39033
Volumetric	.00832	.00832
Scheduled Daily Overrun	.00832	.39865
Annual Overrun	.00832	.39865
Rate Schedule TI-1 (2)		
Volumetric (7)	.00832	.39865
Rate Schedule TFL-1 (4)(5)		
Reservation	-	-
Volumetric (2)	-	-
Scheduled Overrun (2)	-	-
Rate Schedule TIL-1 (2)		
Volumetric	-	-

STATEMENT OF RATES (Continued)

Effective Rates Applicable to  
Rate Schedules TF-1, TF-2, TI-1, TFL-1 and TIL-1 (Continued)

(Dollars per Dth)

Entitlement Unauthorized Overrun and Underrun (8)	Rate
General System Unauthorized Daily Overrun	(9)
General System Unauthorized Daily Underrun	10.00000
General System Unauthorized Underrun Imbalances not eliminated after 72 hours	10.00000
Customer-Specific Entitlement Penalty	10.00000

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Footnotes

- (1) Rate excludes surcharges approved by the Commission.
- (2) Annual Charge Adjustment ("ACA") surcharge may be applicable. Section 16 of the General Terms and Conditions describes the basis and applicability of the ACA surcharge.

STATEMENT OF RATES (Continued)

Effective Rates Applicable to  
Rate Schedules TF-1, TF-2, TI-1, TFL-1 and TIL-1 (Continued)

Footnotes (Continued)

- (3) To the extent Transporter discounts the Maximum Base Tariff Rate, such discounts will be applied on a non-discriminatory basis, subject to the policies of Order No. 497.

Shippers receiving service under these rate schedules are required to furnish fuel reimbursement in-kind at the rates specified on Sheet No. 14.

An incremental facilities charge or other payment method provided for in Section 21 or 29 of the General Terms and Conditions, is payable in addition to all other rates and charges if such a charge is included in Exhibit C to a Shipper's Transportation Service Agreement.

In addition to the rates set forth on Sheet No. 5, Puget Sound Energy, Inc.'s Transportation Service Agreement No. 140053 is subject to an annual incremental facility charge pursuant to Section 21 of the General Terms and Conditions for the South Seattle Delivery Lateral Expansion Project. The effective annual incremental facility charge is \$3,097,543 and is billed in equal monthly one-twelfth increments. The daily incremental facility charge is \$0.13281 per Dth.

In addition to the reservation rates shown on Sheet No. 5, Shippers who contract for Columbia Gorge Expansion Project capacity are subject to a facility reservation surcharge pursuant to Section 3.4 of Rate Schedule TF-1. The facility charge used in deriving the Columbia Gorge Expansion Project facility reservation surcharge has a minimum rate of \$0 and a maximum rate during the indicated months or calendar years as follows:

(Dollars per Dth)

Year	Rate	Year	Rate	Year	Rate
2018	\$0.09855	2021	\$0.08194	2023	\$0.07199
2019	\$0.09189	2022	\$0.07696	2024	\$0.06680
2020	\$0.08667				

January 1, 2025 - March 31, 2025 \$0.06552

STATEMENT OF RATES (Continued)

Effective Rates Applicable to  
Rate Schedules TF-1, TF-2, TI-1, TFL-1 and TIL-1 (Continued)

(Dollars per Dth)

Footnotes (Continued)

- (4) All reservation rates are daily rates computed on the basis of 365 days per year, except that such rates for leap years are computed on the basis of 366 days.

For Rate Schedule TF-1, the 25-Year Evergreen Expansion reservation and volumetric rates apply to Shippers receiving service under Rate Schedule TF-1 Evergreen Expansion service agreements. The System-Wide reservation and volumetric rates apply to Shippers receiving service under all other Rate Schedule TF-1 service agreements.

For Rate Schedule TF-1, the 25-Year Evergreen Expansion maximum base tariff reservation rate is comprised of \$0.31603 for transmission costs and \$0.00436 for storage costs. The System-Wide maximum base tariff reservation rate for Rate Schedule TF-1 and the maximum base tariff reservation rate for Rate Schedule TF-2 are comprised of \$0.38597 for transmission costs and \$0.00436 for storage costs.

For Rate Schedule TF-1 (Large Customer), the maximum base tariff volumetric rates applicable to Shippers receiving service under Rate Schedule TF-1 Evergreen Expansion service agreements are comprised of \$0.00806 for transmission costs and \$0.00026 for storage costs. The maximum base tariff volumetric rates for all other services under Rate Schedule TF-1 (Large Customer) and for services under Rate Schedule TF-2 are comprised of \$0.00806 for transmission costs and \$0.00026 for storage costs.

STATEMENT OF RATES (Continued)

Effective Rates Applicable to  
Rate Schedules TF-1, TF-2, TI-1, TFL-1 and TIL-1 (Continued)

(Dollars per Dth)

Footnotes (Continued)

- (5) Rates for Rate Schedules TF-1, TF-2 and TFL-1 are also applicable to capacity release service except for short-term capacity release transactions for a term of one year or less that take effect on or before one year from the date on which Transporter is notified of the release, which are not subject to the stated Maximum Base Tariff Rate. (Section 22 of the General Terms and Conditions describes how bids for capacity release will be evaluated.) The reservation rate is the comparable volumetric bid reservation charge applicable to Replacement Shippers bidding for capacity released on a one-part volumetric bid basis.
- (6) For Rate Schedule TF-1 (Small Customer), the Maximum Base Tariff Rate is comprised of \$0.68529 for transmission costs and \$0.00898 for storage costs. Transporter will not schedule gas for delivery to a Small Customer subject to this Rate Schedule TF-1 under any transportation Service Agreement (excluding its Rate Schedule TF-2 Service Agreement at Plymouth held at the time of storage service unbundling in RP93-5) unless such Small Customer has scheduled its full Contract Demand for firm service under its Rate Schedule TF-1 (Small Customer) Service Agreement(s) for that day.
- (7) Rate Schedule TI-1 maximum base tariff volumetric rate is comprised of \$0.39403 for transmission costs and \$0.00462 for storage costs.
- (8) Applicable to Rate Schedules TF-1, TF-2, TI-1, TFL-1 and TIL-1 pursuant to Section 15.5 of the General Terms and Conditions.
- (9) The General System Unauthorized Daily Overrun Charge per Dth is the greater of \$10 or 150 percent of the highest midpoint price at NW Wyo. Pool, NW s. of Green River, Stanfield Ore., NW Can. Bdr. (Sumas), Kern River Opal, or El Paso Bondad as reflected in the Daily Price Survey published in "Gas Daily."



STATEMENT OF RATES (Continued)

Effective Rates Applicable to Rate Schedules DEX-1 and PAL

(Dollars per Dth)

Type of Rate	Base Tariff Rate (1), (3)	
	Minimum	Maximum
<hr/>		
Rate Schedule DEX-1 (2), (4)		
Deferred Exchange	.00000	.39865
Rate Schedule PAL		
Park and Loan	.00000	.39865

Footnotes

- (1) Rate excludes surcharges approved by the Commission.
- (2) ACA surcharge may be applicable. Section 16 of the General Terms and Conditions describes the basis and applicability of the ACA surcharge.
- (3) To the extent Transporter discounts the maximum currently effective tariff rate, such discounts will be applied on a non-discriminatory basis, subject to the policies of Order No. 497.
- (4) Shippers receiving service under this rate schedule are required to furnish fuel reimbursement in-kind at the rates specified on Sheet No. 14, except as provided in Section 4 of Rate Schedule DEX-1.

STATEMENT OF RATES (Continued)

Effective Rates Applicable to Rate Schedules SGS-2F and SGS-2I

(Dollars per Dth)

Rate Schedule and Type of Rate	Base Tariff Rate (1)	
	Minimum	Maximum
Rate Schedule SGS-2F (2) (3) (4) (5)		
Demand Charge		
Pre-Expansion Shipper	0.00000	0.01562
Expansion Shipper	0.00000	0.04056
Capacity Demand Charge		
Pre-Expansion Shipper	0.00000	0.00057
Expansion Shipper	0.00000	0.00348
Volumetric Bid Rates		
Withdrawal Charge		
Pre-Expansion Shipper	0.00000	0.01562
Expansion Shipper	0.00000	0.04056
Storage Charge		
Pre-Expansion Shipper	0.00000	0.00057
Expansion Shipper	0.00000	0.00348
Rate Schedule SGS-2I		
Volumetric	0.00000	0.00224

Footnotes

- (1) Shippers receiving service under these rate schedules are required to furnish fuel reimbursement in-kind at the rates specified on Sheet No. 14.

STATEMENT OF RATES (Continued)

Effective Rates Applicable to Rate Schedules SGS-2F and SGS-2I (Continued)

Footnotes (Continued)

- (2) Rates are daily rates computed on the basis of 365 days per year, except that rates for leap years are computed on the basis of 366 days.

Rates are also applicable to capacity release service except for short-term capacity release transactions for a term of one year or less that take effect on or before one year from the date on which Transporter is notified of the release, which are not subject to the stated Maximum Base Tariff Rate. (Section 22 of the General Terms and Conditions describes how bids for capacity release will be evaluated.) The Withdrawal Charge and Storage Charge are applicable to Replacement Shippers bidding for capacity released on a one-part volumetric bid basis.

RESERVED FOR FUTURE USE

STATEMENT OF RATES (Continued)

Effective Rates Applicable to Rate Schedules LS-2F and LS-2I

(Dollars per Dth)

Rate Schedule and Type of Rate	Base Tariff Rate (1)	
	Minimum	Maximum
<hr/>		
Rate Schedule LS-2F (3)		
Demand Charge (2)	0.00000	0.02587
Capacity Demand Charge (2)	0.00000	0.00331
Volumetric Bid Rates		
Vaporization Demand-Related Charge (2)	0.00000	0.02587
Storage Capacity Charge (2)	0.00000	0.00331
Liquefaction	0.90855	0.90855
Vaporization	0.03386	0.03386
 Rate Schedule LS-2I		
Volumetric	0.00000	0.00662
Liquefaction	0.90855	0.90855
Vaporization	0.03386	0.03386

Footnotes

- (1) Shippers receiving service under these rate schedules are required to furnish fuel reimbursement in-kind at the rates specified on Sheet No. 14.
- (2) Rates are daily rates computed on the basis of 365 days per year, except that rates for leap years are computed on the basis of 366 days.
- (3) Rates are also applicable to capacity release service except for short-term capacity release transactions for a term of one year or less that take effect on or before one year from the date on which Transporter is notified of the release, which are not subject to the stated Maximum Base Tariff Rate. (Section 22 of the General Terms and Conditions describes how bids for capacity release will be evaluated.) The Vaporization Demand-Related Charge and Storage Capacity Charge are applicable to Replacement Shippers bidding for capacity released on a one-part volumetric bid basis.

STATEMENT OF RATES (Continued)

Effective Rates Applicable to Rate Schedules LS-3F and LD-4I

(Dollars per Dth)

Rate Schedule and Type of Rate	Base Tariff Rate (1)	
	Minimum	Maximum
Rate Schedule LS-3F (3)		
Demand Charge (2)	0.00000	0.02587
Capacity Demand Charge (2)	0.00000	0.00331
Volumetric Bid Rates		
Vaporization Demand-Related Charge (2)	0.00000	0.02587
Storage Capacity Charge (2)	0.00000	0.00331
Liquefaction Charge (4)	0.90855	0.90855
Vaporization Charge	0.03386	0.03386
Rate Schedule LD-4I		
Volumetric Charge	0.00000	0.78872
Liquefaction Charge (4)	0.90855	0.90855

Footnotes

- (1) Shippers receiving service under these rate schedules are required to furnish fuel reimbursement in-kind at the rates specified on Sheet No. 14.
- (2) Rates are daily rates computed on the basis of 365 days per year, except that rates for leap years are computed on the basis of 366 days.
- (3) Rates are also applicable to capacity release service except for short-term capacity release transactions for a term of one year or less that take effect on or before one year from the date on which Transporter is notified of the release, which are not subject to the stated Maximum Base Tariff Rate. (Section 22 of the General Terms and Conditions describes how bids for capacity release will be evaluated.) The Vaporization Demand-Related Charge and Storage Capacity Charge are applicable to Replacement Shippers bidding for capacity released on a one-part volumetric bid basis.
- (4) The Liquefaction Charge will be trued-up annually pursuant to Section 14.20 of the General Terms and Conditions.

RESERVED FOR FUTURE USE



STATEMENT OF FUEL USE REQUIREMENTS FACTORS  
FOR REIMBURSEMENT OF FUEL USE

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

The rates set forth on Sheet Nos. 5, 6, 7, 8 and 8-A are exclusive of fuel use requirements. Shipper shall reimburse Transporter in-kind for its fuel use requirements in accordance with Section 14 of the General Terms and Conditions contained herein.

The fuel use reimbursement furnished by Shippers shall be as follows for the applicable Rate Schedules included in this Tariff:

Rate Schedules TF-1, TF-2, TI-1, and DEX-1	1.64%
Rate Schedule TF-1 - Evergreen Expansion	
Incremental Surcharge (1)	0.50%
Rate Schedule TFL-1	-
Rate Schedule TIL-1	-
Rate Schedules SGS-2F and SGS-2I	0.24%
Rate Schedules LS-2F, LS-3F and LS-2I	
Liquefaction	0.98%
Vaporization	0.53%
Rate Schedule LD-4I	
Liquefaction	0.98%

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, Jackson Prairie injection, Plymouth liquefaction, Plymouth vaporization, or for deferred exchange, as applicable.

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Footnote

(1) In addition to the Rate Schedule TF-1 fuel use requirements factor, the Evergreen Expansion Incremental Surcharge will apply to the quantity of gas nominated for receipt at the Sumas, SIPI or Pacific Pool receipt points under Evergreen Expansion service agreements.



## NGTL System

### TransCanada's - NGTL System Transportation Rates & Abandonment Surcharge

## 2019 Final Rates - Effective May 1, 2019

Receipt and delivery transportation Rates below do not include applicable abandonment surcharges.

Receipt Services	Tariff Rate	Information Purposes			
	\$/10 <sup>3</sup> m <sup>3</sup> (Cdn)	¢/GJ/d (Cdn)	¢/Mcf/d (Cdn)	¢/MMBtu/d (US)	
<b>FT-R</b> Average Demand Rate (3 yr term) <sup>1</sup>	210.74/mo	18.3	19.6	15.0	
<b>IT-R</b> (Interruptible Receipt)	7.97/d	21.1	22.6	17.3	

Delivery Services	Tariff Rate	Information Purposes			
	\$GJ (Cdn)	¢/GJ/d (Cdn)	¢/Mcf/d (Cdn)	¢/MMBtu/d (US)	
<b>FT-D</b> Demand Rate (1 yr term) <sup>2</sup>					
<b>Group 1:</b>					
Empress/McNeill Border	5.79/mo	19.0	20.4	15.6	
Alberta-B.C. Border	5.48/mo	18.0	19.3	14.7	
Gordondale Border/Boundary Lk Border	5.48/mo	18.0	19.3	14.7	
ATCO: Clairmont/Shell Creek/Edson	5.48/mo	18.0	19.3	14.7	
<b>Group 2:</b>					
All Group 2 delivery points	5.48/mo	18.0	19.3	14.7	
<b>Group 3:</b>					
All Group 3 delivery points	6.58/mo	21.6	23.2	17.7	

### **IT-D** (Interruptible Delivery)

<b>Group 1:</b>					
Empress/McNeill Border		20.94	22.42	17.1	
Alberta-B.C. Border		19.82	21.22	16.2	
Gordondale Border / Boundary Lk Border		19.82	21.22	16.2	
ATCO: Clairmont/Shell Creek/Edson		19.82	21.22	16.2	
<b>Group 2:</b>					
All Group 2 delivery points		19.82	21.22	16.2	

<sup>1</sup> Find more details on Receipt Price Points at [Receipt Point Rates](#)

1-2 year term: 105% (Price Point C)

3-4 year term: 100% (Price Point B)

5+ year term: 95% (Price Point A)

<sup>2</sup> Find more details on Delivery Price Points at [Delivery Point Rates](#)

1-2 year term: 100% (Price Point Z)

3-4 year term: 95% (Price Point Y)

5+ year term: 90% (Price Point X)

- Aggregate charges for service will be determined in accordance with the NGTL System tariff and as such, shall include the applicable abandonment surcharge(s).

- Rates are payable in Canadian dollars.

- For billing purposes, 10<sup>3</sup>m<sup>3</sup> units are used to Receipt Services and GJ units are for Delivery services

- Mcf and MMBtu units are provided for illustrative purposes only.

- Conversion factors below have been used to calculate the rates provided for information purposes:

Cdn\$/US\$	1.29 - subject to change (updated Sep 25, 2018)
¢/GJ to ¢/MMBtu	1.06
\$/10 <sup>3</sup> m <sup>3</sup> to ¢/GJ	37.8 MJ/m <sup>3</sup>

- Actual heating value is dependent upon specific receipt or delivery points and ranges from 36.0 MJ/m<sup>3</sup> to 44.0 MJ/m<sup>3</sup>.

- Rates do not include GST.

- FT-R rate range:

FT-R Rate Range	\$/10 <sup>3</sup> m <sup>3</sup>	¢/GJ/d	¢/Mcf/d	¢/MMBtu/d
FT-R Ceiling Rate	296.64/mo	25.8	27.6	21.1
FT-R Floor Rate	124.84/mo	10.9	11.6	8.9

## 2019 Abandonment Surcharges - Effective January 1, 2019

**Abandonment surcharges are in addition to applicable receipt and delivery transportation rates.**

Abandonment Surcharges	Tariff Rate		Information Purposes	
	\$/10 <sup>3</sup> m <sup>3</sup> (Cdn)	\$/GJ (Cdn)	\$/Mcf (Cdn)	
Monthly Abandonment Surcharge	10.90/mo	0.29/mo	0.31/mo	
Daily Abandonment Surcharge	0.36/d	0.0095/d	0.01/d	

- The services to which abandonment surcharges apply are denoted on the NGTL Tariff Table of Rates, Tolls and Charges.

## Other information for TransCanada's NGTL System:

### Current

[Receipt Point Rates](#)

[Fuel Rates](#)

[AB Border Heat Values](#)

Exhibit E - Pipeline Tariff Sheets

### Archives

[Receipt Point Rates](#)

[Fuel Rates \(2004 - 2010\)](#) (22 KB, XLS)

[Fuel Rates \(2000 - 2004\)](#) (41 KB, DOC)

**Disclaimer:**

The pricing and tolls information included on this website is intended to be used for planning purposes only and although TransCanada endeavours to maintain the information in such a way that is accurate and current, it may not provide accurate results. Use of this information is at user's sole risk and TransCanada shall not be liable for user's use or reliance on any results obtained from it.

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## Foothills System - BC

### TransCanada's Foothills BC Transportation Rates & Abandonment Surcharges

#### 2019 Rates Effective January 1, 2019

*Transportation Rates below do not include applicable Abandonment Surcharges*

Service	Tariff Rate	Information Purposes		
		AB/BC to Kingsgate		
	\$/GJ/km(Cdn)	¢/GJ/d (Cdn)	¢/Mcf/d (Cdn)	¢/MMbtu/d (US)
<b>FT Firm Service - Zone 8</b>				
FT Rate	0.0163193182(Monthly)	9.2	9.8	7.4
<b>IT Interruptible Service - Zone 8</b>				
IT Rate	0.0005901781(Daily)	10.1	10.8	8.1

Aggregate charges for service will be determined in accordance with the Foothills Pipe Lines Gas Transportation Tariff and as such, shall include the applicable abandonment surcharge(s)

#### 2019 Abandonment Surcharges Effective January 1, 2019

*Abandonment surcharges are in addition to applicable Transportation Rates.*

Abandonment Surcharges	Tariff Rate	Information Purposes All Transportation Services			
		\$/GJ (Cdn)	¢/GJ (Cdn)	¢/Mcf (Cdn)	¢/MMbtu (US)
<b>Monthly Abandonment Surcharge</b>	0.1250196175(Monthly)		12.5	13.4	10.1
<b>Daily Abandonment Surcharge</b>	0.0041102340(Daily)		0.41	0.44	0.33

The services to which abandonment surcharges apply are denoted on the Foothills Pipe Lines Table of Effective Rates

1. For information purposes, the maximum Shipper's Haul Distance used in the Shipper's monthly charge for Service calculation is 170.7 km.



2. Rates are payable in Canadian dollars and GJ units are used for billing purposes. Mcf and MMBtu units are provided for information purposes only.

3. Conversion Factors below have been used to calculate the rates provided for information purposes:

Cdn\$/US\$	1.3108- subject to change (updated Oct 26, 2018)
¢/GJ to ¢/MMBtu	x 1.055056
¢/GJ to ¢/Mcf	at a heat value of 37.8 MJ/m <sup>3</sup>

4. All rates are based on 100 per cent load factor utilization. The IT rate is 110 per cent of the FT rate.

5. Rates do not include G.S.T.

6. Inquiries regarding the BC System may be directed to:

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## Other information for TransCanada's Foothills (BC) System:

### Current

[Fuel Rates and Heating Values](#)

[AB Border Heat Values](#)

### Archives

[Heating Values](#)

[AB Border Heat Values](#) (61 KB, PDF)

### Disclaimer:

The pricing and tolls information included on this website is intended to be used for planning purposes only and although TransCanada endeavours to maintain the information in such a way that is accurate and current, it may not provide accurate results. Use of this information is at user's sole risk and TransCanada shall not be liable for user's use or reliance on any results obtained from it.

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RATE SCHEDULES FT and LFS  
CURRENTLY EFFECTIVE RATES 1/

Reservation Charge	(Maximum)	\$ 8.2194
	(Minimum)	\$ 0.0000
Delivery Charge	(Maximum)	\$ 0.0030
	(Minimum)	\$ 0.0030
Authorized Overrun Charge	(Maximum)	\$ 0.2733
	(Minimum)	\$ 0.0030
Annual Charge Adjustment		2/
Measurement Variance Gas Factor	(Maximum)	2.0%
	(Minimum)	(2.0%)
Volumetric Reservation Charge for Capacity Release		\$ 0.2733 3/

- 1/ For scheduling, imbalance and unauthorized overrun charges see General Terms and Conditions, Section 6.6. Maximum and minimum rates are applicable to backhaul service.
- 2/ The Annual Charge Adjustment (ACA) is in addition to the above Delivery Charge and the Authorized Overrun Charge. The currently effective ACA unit charge as published on the Commission's website ([www.ferc.gov](http://www.ferc.gov)) is incorporated herein by reference.
- 3/ The Maximum Rate does not apply to capacity release transactions of one (1) year or less.



Westcoast Energy Inc.  
TOLL SCHEDULES - SERVICE

**TRANSPORTATION SERVICE - SOUTHERN**

**DEFINITIONS**

1. In this Toll Schedule, the following term shall have the following meaning:
  - (a) "Enhanced T-South Service" means Transportation Service – Southern provided pursuant to a Service Agreement under which gas is to be delivered to the Huntingdon Delivery Area and, subject to the fulfillment of the conditions specified in the Service Agreement, to the Kingsgate Export Point;
  - (b) "Kingsgate Export Point" means the point on the international boundary between Canada and the United States of America near Kingsgate, British Columbia, where the Foothills Pipe Lines (South BC) Ltd. pipeline facilities connect with the pipeline facilities of Gas Transmission Northwest Corporation; and
  - (c) "Service Term" means in respect of each Firm Transportation Service – Southern specified in a Firm Service Agreement, the term of each such Firm Transportation Service – Southern as determined in accordance with Section 3.

All other terms used in this Toll Schedule shall have the same meaning as set forth in the General Terms and Conditions.

**APPLICATION**

2. This Toll Schedule applies to all Firm Transportation Service - Southern, AOS and Interruptible Transportation Service - Southern, including Import Backhaul Service, provided by Westcoast on facilities in Zone 4 under the provisions of a Firm Service Agreement or an Interruptible Service Agreement into which the General Terms and Conditions and this Toll Schedule are incorporated by reference.
3. For all purposes of this Toll Schedule, the Demand Toll applicable to any Firm Transportation Service - Southern provided pursuant to a Firm Service Agreement shall be determined based upon the Service Term, and the Service Term for each such service shall be determined as follows:
  - (a) in the case of each Firm Transportation Service – Southern provided for in a Firm Service Agreement entered into by a Shipper with Westcoast prior to November 1, 2005, the number of whole years remaining in the term of each such service as of November 1, 2005;
  - (b) in the case of each Firm Transportation Service – Southern provided for in a Firm Service Agreement entered into by a Shipper with Westcoast after November 1, 2005, the number of whole years in the term of each such service specified in the Firm Service Agreement;
  - (c) in the case of each such Firm Transportation Service – Southern which is renewed by a Shipper after November 1, 2005 in accordance with Section 2.06 of the

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General Terms and Conditions, the number of whole years in the renewal term of each such service, with effect from the first day of the renewal term; and

- (d) in the case of each Firm Transportation Service – Southern provided for in a Firm Service Agreement which is extended by the Shipper and Westcoast after December 31, 2005, the number of whole years remaining in the term of each such service, including the period of the extension, with effect from the first day of the month immediately following the execution by the Shipper of an amendment to the Firm Service Agreement providing for such extension.

**MONTHLY BILL - FIRM TRANSPORTATION SERVICE - SOUTHERN**

4. The amount payable by a Shipper to Westcoast in respect of Firm Transportation Service - Southern provided in any month pursuant to a Firm Service Agreement shall be an amount equal to:
- (a) the product obtained by multiplying the Contract Demand for Firm Transportation Service - Southern specified in the Firm Service Agreement by the applicable Demand Toll specified in Appendix A for Firm Transportation Service – Southern; and
  - (b) the amount of tax on fuel gas consumed in operations payable under the Motor Fuel Tax Act (British Columbia) and the Carbon Tax Act (British Columbia) which is allocated to Shipper by Westcoast for the month,

less the amount of any Contract Demand Credits to which the Shipper is entitled for the month pursuant to the General Terms and Conditions.

**MONTHLY BILL - AOS, INTERRUPTIBLE TRANSPORTATION SERVICE - SOUTHERN AND IMPORT BACKHAUL SERVICE**

5. If on any day Shipper has unutilized Firm Transportation Service - Southern at a Delivery Point in Zone 4 and would incur on such day tolls for AOS and Interruptible Transportation Service, other than Import Backhaul Service, at that Delivery Point or at any other Delivery Point in Zone 4, then, notwithstanding the provisions of the General Terms and Conditions and for the sole purpose of determining the amount of the Commodity Tolls payable by Shipper in accordance with this Toll Schedule for AOS and Interruptible Transportation Service - Southern, the following rules shall apply:
- (a) firstly, in the case where Shipper would otherwise incur tolls on such day for AOS and Interruptible Transportation Service – Southern at a Delivery Point where Shipper has unutilized Firm Transportation Service – Southern, Shipper shall be deemed to have utilized Firm Transportation Service at such Delivery Point on such day in respect of a volume of gas not exceeding the volume of unutilized Firm Transportation Service at such Delivery Point;
  - (b) secondly, in the case where a Delivery Point at which Shipper has unutilized Firm Transportation Service – Southern is within the Huntingdon Delivery Area and Shipper has any remaining volume of unutilized Firm Transportation Service at such Delivery Point after applying the rule set out in paragraph (a) above, then Shipper shall be deemed to have made a diversion on such day pursuant to Section 7.01(a)

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of the General Terms and Conditions of a volume of gas not exceeding the amount of the remaining volume of unutilized Firm Transportation Service, from that Delivery Point to any other Delivery Point within the Huntingdon Delivery Area at which Shipper would otherwise incur tolls for AOS and Interruptible Transportation Service - Southern;

- (c) thirdly, if Shipper has any remaining volume of unutilized Firm Transportation Service – Southern at any Delivery Point after applying the rules set out in paragraphs (a) and (b) above, then Shipper shall be deemed to have made a diversion on such day pursuant to Section 7.01(c) of the General Terms and Conditions of a volume of gas not exceeding the amount of such remaining volume of unutilized Firm Transportation Service from such Delivery Point to the nearest Downstream Delivery Point at which Shipper would otherwise incur tolls for AOS and Interruptible Transportation Service - Southern; and
  - (d) fourthly, if Shipper has any remaining volume of unutilized Firm Transportation Service – Southern at any Delivery Point after applying the rules set out in paragraphs (a), (b) and (c) above, then Shipper shall be deemed to have made a diversion on such day pursuant to Section 7.01(b) of the General Terms and Conditions of a volume of gas not exceeding the amount of such remaining volume of unutilized Firm Transportation Service, from such Delivery Point to the nearest Upstream Delivery Point at which Shipper would otherwise incur tolls for AOS and Interruptible Transportation Service – Southern.
6. The amount payable by a Shipper to Westcoast in respect of AOS, Interruptible Transportation Service - Southern, and Import Backhaul Service provided on each day in a month shall be an amount equal to the sum of:
- (a) the product obtained by multiplying the applicable Commodity Toll specified in Appendix A for AOS, Interruptible Transportation Service - Southern and Import Backhaul Service, respectively, by the Receipt Volume for such AOS or Interruptible Transportation Service - Southern (as determined after applying the rules set out in Section 5) or for such Import Backhaul Service, respectively, at the point from which the residue gas is sourced, which is thermally equivalent to the volume of residue gas (i) delivered to or for the account of Shipper at the Delivery Point, or (ii) transmitted through Zone 4 for the account of Shipper on each such day during the month;
  - (b) the product obtained by multiplying the difference between the Commodity Tolls specified in Section 7.03 of the General Terms and Conditions by the volume of gas deemed to be diverted to a Downstream Delivery Point in accordance with Section 4(c) on each such day during the month; and
  - (c) the amount of tax on fuel gas consumed in operations payable under the Motor Fuel Tax Act (British Columbia) and the Carbon Tax Act (British Columbia) which is allocated to Shipper by Westcoast for each day in the month.

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**APPENDIX A**  
**DEMAND AND COMMODITY TOLLS**  
**TRANSPORTATION SERVICE - SOUTHERN**

**Firm Transportation Service – Southern**

Year Round Service

Service Term	Demand Tolls \$/10 <sup>3</sup> m <sup>3</sup> /mo.			
	PNG Delivery Point	Inland Delivery Area	Huntingdon Delivery Area	FortisBC Kingsvale to Huntingdon*
1 year	149.61	368.52	660.39	291.87
2 years	145.25	357.79	641.15	283.36
3 years	140.90	347.05	621.92	274.86
4 years	139.44	343.47	615.50	272.03
5 years or more	137.99	339.90	609.09	269.20

\* For Firm Transportation Service - Southern provided by Westcoast pursuant to a Firm Service Agreement dated April 15, 2002 between Westcoast and FortisBC Energy Inc.

Plus the amount of tax on fuel gas consumed in operations payable under the Motor Fuel Tax Act (British Columbia) and the Carbon Tax Act (British Columbia) which is allocated to Shipper by Westcoast for each day in the month.

Winter Firm Service

Service Term	Demand Tolls \$/10 <sup>3</sup> m <sup>3</sup> /mo.	
	Huntingdon Delivery Area	
	WF Service November to March	Revertible WF Service*
1 year	990.59	660.39
2 years	961.73	641.15
3 years	932.88	621.92
4 years	923.25	615.50
5 years or more	913.64	609.09

\* WF Service which has been designated as Revertible WF Service pursuant to Section 23.10 of the General Terms and Conditions – Service to provide for firm transmission of residue gas in Zone 4 all days of the year.

Plus the amount of tax on fuel gas consumed in operations payable under the Motor Fuel Tax Act (British Columbia) and the Carbon Tax Act (British Columbia) which is allocated to Shipper by Westcoast for each day in the month.

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**AOS and Interruptible Transportation Service – Southern**

Months	Commodity Tolls \$/10 <sup>3</sup> m <sup>3</sup>			
	PNG Delivery Point	Inland Delivery Area	Huntingdon Delivery Area	FortisBC Kingsvale to Huntingdon*
April to October	4.896	12.061	23.774	9.552
November to March	6.528	16.081	23.774	12.736

\* For AOS provided by Westcoast pursuant to a Firm Service Agreement dated April 15, 2002 between Westcoast and FortisBC Energy Inc.

Plus the amount of tax on fuel gas consumed in operations payable under the Motor Fuel Tax Act (British Columbia) and the Carbon Tax Act (British Columbia) which is allocated to Shipper by Westcoast for each day in the month.

**Import Backhaul Service**

Months	Commodity Tolls \$/10 <sup>3</sup> m <sup>3</sup>		
	Inland Delivery Area	PNG Delivery Point	Compressor Station No. 2
April to October	11.713	18.878	23.774
November to March	7.693	17.246	23.774

Plus the amount of tax on fuel gas consumed in operations payable under the Motor Fuel Tax Act (British Columbia) and the Carbon Tax Act (British Columbia) which is allocated to Shipper by Westcoast for each day in the month.

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