AVISTA UTILITIES

2018 Washington PGA Filing

ATTACHMENT "D"

Pipeline Tariffs

AVISTA (COPORATION																
Index of	Pipeline Rates																
PIPELINE	TARIFF		EAGE RATE	_	MILEAGE RATE	NOTES											
	FTS-1	Ś				Stated tari	ff			1/T: EE /C							
GTNW GTNW	FTS-1-E1	\$	0.000434			Stated tari				N/Tariff/Cur N/Tariff/Cur							
GTNW	FTS-1-E1	Ś	0.002759	<u> </u>		Stated tari				N/Tariff/Cur							
GTNW		\$		•		Stated tari				N/Tariff/Cur							
GINW	ITS-1	\$	0.000399	\$	0.031642	Stated tari	ir rate	nttp://tcpi	us.com/GT	N/Tariff/Cur	тепкатеѕ						
NWPL	SGS-2F			Ś	0.01562	Stated tari	ff rate	http://ww	w.northwes	t.williams.c	om/NWP P	ortal/extLo	.action?Lo	c=FilesNort	nwesttariff&File=tariff	Statemento	fRates.pdf
NWPL	TF-1			\$		Stated tari									nwesttariff&File=tariff		
NWPL	TF-2			\$	0.39294	Stated tari	ff rate								hwesttariff&File=tariff		
TCPL AB	FT-D			\$	4.99	Stated tari	ff rate	http://www	w.tccustom	erexpress.c	om/2766.ht	ml					
					90%	Term disco	ount										
					4.49												
					0.28	Abandonm	ent surcharge										
				\$	4.77	Nucleus ra	te										
TCPL BC	FT			\$ n	013015436	Stated tari	ff rate	http://www	w tocustom	erevnress c	om/2768.ht	ml					
TCLEBC				, U.		Kilometers		nttp.//www	w.tccustom	Стехргезз.с	0111/2700.110						
				2	.221734925												
							nent surcharge										
					315897568												
TGTC	FT			Ś	0.2615	Stated tari	ff rate	http://topl	us som/Tus	cororo /Tori	ff/CurrEffRa	tos					
1010	FI			۶	0.3015	Stated tari	IIIale	пир://исрг	us.com/Tus	Carora/Tarr	II/CuiTEIIKa	ites					
=								//		/5							
WEI	FTS-Southern			\$	477.81	Stated tari	tt rate	nttps://no	ns.wei-pipe	line.com/C	ustomerCor	ntent/tariff/	toII_schedu	iies/ts08_tr	ansport_south.pdf	1	

PART 4 STATEMENT OF RATES v.2.0.0 Superseding v.1.0.0

STATEMENT OF RATES

Issued: April 11, 2011 Effective: April 4, 2011 Docket No. RP11-1986-000 Accepted: May 4, 2011

PART 4.1 4.1 - Statement of Rates FTS-1, LFS-1, and FHS Rates v.17.0.0 Superseding v.15.0.0

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:

	<u>2284</u> 20,44000		VATION	with a service of the				
	DAILY DAILY MILEAGE (a) NON-MILEAGE (b) (Dth-MILE) (Dth)		DELIVERY (c) (Dth-MILE)		FUEL (d) (Dth-MILE)			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
BASE	0.000434	0.000000	0.034393	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%
EXTENSIO	N CHARGE	S						
MEDFORD								
E-1 (f)	0.002759	0.000000	0.004641	0.000000	0.000026	0.000026		
E-2 (h) (Diamond	0.002972 1)	0.000000			0.000000	0.000000		
E-2 (h) (Diamond	0.001166 2)	0.000000		(ARE)	0.000000	0.000000		(HEE)
COYOTE SI	PRINGS							
E-3 (i)	0.001282	0.000000	0.001283	0.000000	0.000000	0.000000		
CARTY LA	TERAL							
	E-4 ((p)		0.166475	0.000000	0.000000	0.000000	(222)
OVERRUN	CHARGE (j)		1000				
SURCHARG	GES							
ACA (k)				\ <u></u>	(k)	(k)		

Issued: November 27, 2017 Effective: January 1, 2018

PART 4.1 4.1 - Statement of Rates FTS-1, LFS-1, and FHS Rates v.17.0.0 Superseding v.15.0.0

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 x Miles x (24/HF)
- (b) Non-Mileage Reservation Component = FTS-1NM x (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

of Receipt to the Primary Point(s) of Delivery as set

forth in Shipper's Contract

HF = MDQ/MHQ

Issued: November 27, 2017 Effective: January 1, 2018

PART 4.2 4.2 - Statement of Rates ITS-1 and IHS Rates v.8.0.0 Superseding v.6.0.0

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

Rate Schedule ITS-1

		AGE (n) -Mile)		LEAGE (0) oth)	DELIVERY (c) (Dth-Mile)		FUEL (Dth-N	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
BASE	(e)	0.000000	(e)	0.000000	0.000016	0.000016	0.0050%	0.0000%
EXTENSION	N CHARGE	ES						
MEDFORD								
E-1 (Medford	i) (f) 0.002759	0.000000	0.004641	0.000000	0.000026	0.000026		
COYOTE SP	RINGS							
E-3 (Coyote	Springs) (i) 0.001282		0.001283	0.000000	0.000000	0.000000		
CARTY LAT	TERAL							
E-4 (Carty La	ateral) (p)							
			0.166475	0.000000	0.000000	0.000000	-	-
SURCHARG	ES							
ACA (k)			(k)	(k)	OREM:	***		

Issued: November 27, 2017 Effective: January 1, 2018

PART 4.2 4.2 - Statement of Rates ITS-1 and IHS Rates v.8.0.0 Superseding v.6.0.0

Rate Schedule IHS

	MILEAGE (n) (Dth-Mile)			NON-MILEAGE (o) (Dth)		DELIVERY (c) (Dth-Mile)		. (d) 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								
	160							
E-1 (Medford	0.006622	0.000000	0.011138	0.000000	0.000026	0.000026		
COYOTE SP	RINGS							
E-3 (Coyote S	Springs) (i) 0.003077		0.003079	0.000000	0.000000	0.000000	***	
CARTY LAT	ERAL							
E-4 (Carty La	teral) (p)							
		V AND	0.399540	0.000000	0.000000	0.000000		***
SURCHARG	ES							
ACA (k)			(k)	(k)				***

Issued: November 27, 2017 Effective: January 1, 2018

PART 4.3 4.3 - Statement of Rates Footnotes to Statement of Effective Rates and Charges v.15.0.0 Superseding v.13.0.0

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 0.0002% 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):

Issued: November 27, 2017 Docket No. RP18-184-000 Effective: January 1, 2018 Accepted: December 28, 2017

For STF and ITS-1:					
	4 Peak	3 Peak	2 Peak	1 Peak	0 Peak
	Mos.	Mos.	Mos.	Mo.	Mos.
Peak NM Res.	\$0.048150	\$0.048150	\$0.048150	\$0.048150	\$0.034393
Peak Mi. Res.	\$0.000608	\$0.000608	\$0.000608	\$0.000608	\$0.000434
Off-Pk NM Res.	\$0.027515	\$0.029807	\$0.031642	\$0.033142	\$0.034393
Off-Pk Mi. Res.	\$0.000347	\$0.000376	\$0.000399	\$0.000418	\$0.000434
For IHS:					
	4 Peak	3 Peak	2 Peak	1 Peak	0 Peak
	Mos.	Mos.	Mos.	Mo.	Mos.
Peak NM Res.	\$0.115560	\$0.115560	\$0.115560	\$0.115560	\$0.082543
Peak Mi. Res.	\$0.001459	\$0.001459	\$0.001459	\$0.001459	\$0.001042
Off-Pk NM Res.	\$0.066036	\$0.071537	\$0.075941	\$0.079541	\$0.082543
Off-Pk Mi. Res.	\$0.000833	\$0.000902	\$0.000958	\$0.001003	\$0.001042

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 reservation charge of \$0.002972 per Dth per day for first 45,000 Dth/d and E-2 (Diamond 2) is a negotiated 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 reservation charge of \$0.002964 per Dth per day for first 45,000 Dth/d and E-2 (Diamond 2) is a negotiated reservation charge of \$0.001163 per Dth per day for the second 45,000 Dth/d.
- Applicable to firm service on GTN's Coyote Springs Extension.
- (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) is

Issued: November 27, 2017 Docket No. RP18-184-000 Effective: January 1, 2018 Accepted: December 28, 2017

incorporated herein by reference. This adjustment shall be in addition to the Base Tariff Rate(s) specified above.

- (1) 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.

Issued: November 27, 2017 Effective: January 1, 2018

PART 4.4 4.4 - Statement of Rates Reserved For Future Use v.3.0.0 Superseding v.2.0.0

RESERVED FOR FUTURE USE

Issued: May 26, 2011 Effective: June 27, 2011

Docket No. RP11-2132-000 Accepted: June 10, 2011

PART 4.5 4.5 - Statement of Rates Parking and Lending Service v.6.0.0 Superseding v.5.0.0

STATEMENT OF EFFECTIVE RATES AND CHARGES FOR TRANSPORTATION OF NATURAL GAS FOR

Parking and Lending Service (\$/Dth)

BASE TARIFF RATE MINIMUM MAXIMUM

PAL Parking and Lending Service: 0.0 0.243541/d

Notes:

Issued: November 20, 2015 Effective: January 1, 2016 Docket No. RP16-209-000 Accepted: December 22, 2015

PART 4.6 4.6 - Statement of Rates Negotiated Rate Agreements - FTS-1 and LFS-1 v.5.0.0 Superseding v.4.0.0

STATEMENT OF EFFECTIVE RATES AND CHARGES FOR TRANSPORTATION OF NATURAL GAS

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

SHIPPER	TERM OF CONTRACT	RATE SCHEDULE	DTH/D	PRIMARY RECEIPT <u>POINT</u>	PRIMARY DELIVERY <u>POINT</u>	RATE /2 /3
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 Commodi Canada Corporation		FTS-1	60,000	Kingsgate	Malin	/4

Issued: March 29, 2018 Docket No. RP18-642-000 Effective: April 1, 2018 Accepted: April 12, 2018

PART 4.7 4.7 - Statement of Rates Footnotes for Negotiated Rates - FTS-1 and LFS-1 v.7.0.0 Superseding v.6.0.0

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

- 71 This contract does not deviate in any material aspect from the Form of Service Agreement in this Tariff.
- Unless otherwise noted, all Shippers pay GTN's maximum Reservation Charge, Delivery Charge, ACA, and contribute fuel in-kind in accordance with this Tariff.
- 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 GTN and Shipper have agreed to a fixed reservation reservation charge of \$.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 Reserved

77 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%

Issued: March 29, 2018 Docket No. RP18-642-000 Effective: April 1, 2018 Accepted: April 12, 2018

PART 4.7 4.7 - Statement of Rates Footnotes for Negotiated Rates - FTS-1 and LFS-1 v.7.0.0 Superseding v.6.0.0

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
- /16 Reserved
- /17 Reserved
- /18 Reserved

Issued: March 29, 2018 Docket No. RP18-642-000 Effective: April 1, 2018 Accepted: April 12, 2018

PART 4.8 4.8 - Statement of Rates Negotiated Rate Agreements - ITS-1 and PAL v.5.0.0 Superseding v.4.0.0

STATEMENT OF EFFECTIVE RATES AND CHARGES FOR TRANSPORTATION OF NATURAL GAS

NEGOTIATED RATE AGREEMENTS UNDER RATE SCHEDULE ITS-1 AND PAL

PRIMARY PRIMARY
TERM OF RATE RECEIPT DELIVERY RATE
SHIPPER CONTRACT SCHEDULE DTH/D POINT POINT /2/3

Issued: April 24, 2015 Effective: June 1, 2015 Docket No. RP15-905-000 Accepted: May 29, 2015

PART 4.9 4.9 - Statement of Rates Footnotes for Negotiated Rates - ITS-1 and PAL v.5.0.0 Superseding v.4.0.0

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

- 71 This contract does not deviate in any material aspect from the Form of Service Agreement in this Tariff.
- 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.
- 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 Docket No. RP15-905-000 Effective: June 1, 2015 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

Issued: September 25, 2015 Docket No. RP15-1294-000 Effective: October 26, 2015 Accepted: October 23, 2015

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		101	0/1//2001	0/0/2020
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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Issued: September 25, 2015 Docket No. RP15-1294-000 Effective: October 26, 2015 Accepted: October 23, 2015

PART 4.10 4.10 - Statement of Rates Non-Conforming Service Agreements v.4.0.0 Superseding v.3.0.0

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

Issued: September 25, 2015 Effective: October 26, 2015

Docket No. RP15-1294-000 Accepted: October 23, 2015

PART 5 RATE SCHEDULES v.3.0.0 Superseding v.2.0.0

RATE SCHEDULES

Firm Transportation Service (FTS-1)

Limited Firm Transportation Service (LFS-1)

Interruptible Transportation Service (ITS-1)

Unbundled Sales Service (USS-1)

Parking and Lending Service (PAL)

Issued: April 24, 2015 Effective: June 1, 2015 Docket No. RP15-905-000 Accepted: May 29, 2015

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

	Base				
Rate Schedule and	Tariff R	ate(1),(3)			
Type of Rate	Minimum	Maximum			
Rate Schedule TF-1 (4)(5) Reservation (Large Customer)					
System-Wide	.00000	.39294			
15 Year Evergreen Exp.		.35077			
25 Year Evergreen Exp.	.00000	.32093			
Volumetric (2) (Large Customer) System-Wide 15 Year Evergreen Exp. 25 Year Evergreen Exp.		.00832 .00832 .00832			
(Small Customer) (6)	.00832	.69427			
Scheduled Overrun (2)	.00832	.40126			
Rate Schedule TF-2 (4)(5) Reservation Volumetric Scheduled Daily Overrun Annual Overrun	.00000 .00832 .00832	.00832 .40126			
Rate Schedule TI-1 (2) Volumetric (7)	.00832	.40126			
Rate Schedule TFL-1 (4)(5) Reservation	-	-			
Volumetric (2) Scheduled Overrun (2)	-	_			
scheduled Overrun (2)	_	_			
Rate Schedule TIL-1 (2) Volumetric	-	-			

(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

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.

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 \$3,207,431 and is billed in equal monthly one-twelfth increments. The daily incremental facility charge is \$0.13752 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

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 15-Year and 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 15-Year and 25-Year Evergreen Expansion maximum base tariff reservation rates are comprised of \$0.34641 and \$0.31657 for transmission costs and \$0.00436 and \$0.00436 for storage costs, respectively. The System-Wide maximum base tariff reservation rates for Rate Schedule TF-1 and the maximum base tariff reservation rates for Rate Schedule TF-2 are comprised of \$0.38858 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.

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 \$0.39664 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 Unauthorized 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."

Effective Rates Applicable to Rate Schedules DEX-1 and PAL

(Dollars per Dth)

	Base Tariff Rate (1),(3)	
Type of Rate		Maximum
		
Rate Schedule DEX-1 (2), (4)		
Deferred Exchange	.00000	.40126
Rate Schedule PAL		
Park and Loan	.00000	.40126

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.

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

(Dollars per Dth)

Rate Schedule and Type of Rate	Base Tariff E Minimum —————	Rate (1)
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.

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

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

(Dollars per Dth)

	Bas	se
Rate Schedule and	Tariff	Rate (1)
Type of Rate	Minimum	Maximum
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) Storage Capacity Charge (2)	0.00000	
Liquefaction Vaporization	0.90855 0.03386	
Rate Schedule LS-2I		
Volumetric	0.00000	0.00662
Liquefaction Vaporization	0.90855 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.
- 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.

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

(Dollars per Dth)

	Base		
Rate Schedule and	Tariff	Rate (1)	
Type of Rate	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) Storage Capacity Charge (2)	0.00000	0.02587 0.00331	
Liquefaction Charge (4) Vaporization Charge	0.90855 0.03386		
Rate Schedule LD-4I			
Volumetric Charge Liquefaction Charge (4)	0.00000 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.
- 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	1.16%
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	0.17%
Rate Schedules LS-2F, LS-3F and LS-2I	
Liquefaction	0.53%
Vaporization	0.53%
Rate Schedule LD-4I	
Liquefaction	0.53%

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.

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

2018 Final Rates - Effective May 1, 2018

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

Receipt Services	Tariff Rate	Information Purposes		es
	\$/10³m³ (Cdn)	¢/GJ/d (Cdn)	¢/GJ/d (Cdn) ¢/Mcf/d (Cdn)	
FT-R Average Demand Rate (3 yr term) ¹	207.20/mo	18.0	19.3	14.9
IT-R (Interruptible Receipt)	7.83/d	20.7	22.2	17.2
Delivery Services	Tariff Rate	In	formation Purpos	es
	\$GJ (Cdn)	¢/GJ/d (Cdn)	¢/Mcf/d (Cdn)	¢/MMBtu/d (US)
FT-D Demand Rate (1 yr term) ²				
Group 1:				
Empress/McNeill Border	5.38/mo	17.7	18.9	14.7
Alberta-B.C. Border	4.99/mo	16.4	17.6	13.6
Gordondale Border/Boundary Lk Border	4.99/mo	16.4	17.6	13.6
ATCO: Clairmont/Shell Creek/Edson	4.99/mo	16.4	17.6	13.6
Group 2:				
All Group 2 delivery points	4.99/mo	16.4	17.6	13.6
Group 3:				1-11-
All Group 3 delivery points	5.99/mo	19.7	21.1	16.3
IT-D (Interruptible Delivery)				
Group 1:				
Empress/McNeill Border		19.46	20.83	16.1
Alberta-B.C. Border		18.05	19.32	15.0
Gordondale Border / Boundary Lk Border		18.05	19.32	15.0
ATCO: Clairmont/Shell Creek/Edson		18.05	19.32	15.0
Group 2:				

6/25/2018 NGTL System

All Group 2 delivery points

18.05

19.32

15.0

¹Find 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)

² Find more details on Delivery Price Points at <u>Delivery Point Rates</u>

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,103m3 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\$

1.27 - subject to change (updated Nov 27, 2017)

¢/GJ to ¢/MMBtu

1.06

\$/103m3 to ¢/GJ

37.8 MJ/m³

- Actual heating value is dependent upon specific receipt or delivery points and ranges from 36.0 MJ/m3 to 44.0 MJ/m3.
- Rates do not include GST.
- FT-R rate range:

FT-R Rate Range	\$/10 ³ m ³	¢/GJ/d	¢/Mcf/d	¢/MMBtu/d
FT-R Ceiling Rate	293.10/mo	25.5	27.3	21.1
FT-R Floor Rate	121.30/mo	10.6	11.3	8.7

2018 Abandonment Surcharges - Effective January 1, 2018

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

Abandonment Surcharges	Tariff Rate)	Information Purposes	
	\$/10 ³ m ³ (Cdn)	\$/GJ(Cdn)	\$/Mcf (Cdn)	
Monthly Abandonment Surcharge	10.51/mo	0.28/mo	0.30/mo	
Daily Abandonment Surcharge	0.35/d	0.0091/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	Archives
Receipt Point Rates	Receipt Point Rates
Fuel Rates	Fuel Rates (2004 - 2010) (22 KB, XLS)
AB Border Heat Values	Fuel Rates (2000 - 2004) (41 KB, DOC)

NGTL System

Delivery Point Rates

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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Foothills System - BC

TransCanada's Foothills BC Transportation Rates & Abandonment Surcharges

2018 Rates Effective January 1, 2018

Transportation Rates below do not include applicable Abandonment Surcharges

Service	Tariff Rate	Information Purposes		
		AB/E	BC to Kings	gate
	\$/GJ/km(Cdn)	¢/GJ/d	¢/Mcf/d	¢/MMbtu/d
		(Cdn)	(Cdn)	(US)
FT Firm Service - Zone 8				
FT Rate	0.0130154360(Monthly)	7.3	7.8	6.0
IT Interruptible Service -				
Zone 8				
IT Rate	0.0004706952(Daily)	8.0	8.6	6.6

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)

Tariff Date

Information Purposes

2018 Abandonment Surcharges Effective January 1, 2018

Abandonment surcharges are in addition to applicable Transportation Rates.

Abar	onment Surcharges Tariπ Rate			All Transportation Services		
		\$/GJ	¢/GJ	¢/Mcf	¢/MMbtu	
		(Cdn)	(Cdn)	(Cdn)	(US)	
Mon	hly Abandonment Surcharge	0.0941626428(monthly)	9.4	10.1	7.7	
Daily	Abandonment Surcharge	0.0030957522(Daily)	0.31	0.33	0.25	

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\$

1.2886- subject to change (updated Dec 20, 2017)

¢/GJ to ¢/MMBtu

x 1.055056

¢/GJ to ¢/Mcf

at a heat value of 37.8 MJ/m3

- 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:

Ashley Stowkowy

Phone: 1.403.920.5828

Email: ashley stowkowy@transcanada.com

Andrea Watters

Phone: 1.403.920.7956

Email: andrea watters@transcanada.com

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

Current Archives

Fuel Rates and Heating Values **Heating Values**

AB Border Heat Values (61 KB, PDF) AB Border Heat Values

Disclaimer:

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Tuscarora Gas Transmission Company FERC Gas Tariff Second Revised Volume No. 1

PART 4 STATEMENT OF RATES v.1.0.0 Superseding v.0.0.0

STATEMENT OF RATES

Issued: October 28, 2010 Effective: May 27, 2010 Docket No. RP10-773-001 Accepted: December 1, 2010

PART 4.1 4.1 - Statement of Rates FT and LFS Rates v.7.0.0 Superseding v.6.0.0

RATE SCHEDULES FT and LFS CURRENTLY EFFECTIVE RATES 1/

Reservation Charge (Maximum)		100	8.3615
(Minimum)		\$	0.0000
Delivery Charge (Maximum)		\$	0.0031
(Minimum)		\$	0.0031
Authorized Overrun Charge (Maximum)		\$	0.2780
(Minir	num)	\$	0.0031
Annual Charge Adjustment			2/
Measurement Variance Gas Factor	(Maximum)	2	.0%
	(Minimum)	(2	.0%)
Volumetric Reservation Charge for Capacity Release		\$ 0.2780 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) is incorporated herein by reference.
- 3/ The Maximum Rate does not apply to capacity release transactions of one (1) year or less.

Issued: August 1, 2016 Effective: August 1, 2016 Docket No. RP16-1137-000 Accepted: September 22, 2016

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:
 - 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

TOLL SCHEDULES - SERVICE

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)

TOLL SCHEDULES - SERVICE

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
 - 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.

TOLL SCHEDULES - SERVICE

APPENDIX A

DEMAND AND COMMODITY TOLLS TRANSPORTATION SERVICE - SOUTHERN

Firm Transportation Service – Southern

Year Round Service

Demand Tolls \$/10³m³/mo.

	Ψ				
Service Term	PNG Delivery Point	Inland Delivery Area	Huntingdon Delivery Area	FortisBC Kingsvale to Huntingdon*	
1 year	117.42	306.38	518.05	211.67	
2 years	114.00	297.46	502.96	205.50	
3 years	110.58	288.53	487.87	199.34	
4 years	109.44	285.56	482.84	197.28	
5 years or more	108.30	282.58	477.81	195.23	

^{*} 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

Demand Tolls \$/10³m³/mo.

	Huntingdon Delivery Area		
Service Term	WF Service November to March	Revertible WF Service*	
1 year	777.08	518.05	
2 years	754.44	502.96	
3 years	731.81	487.87	
4 years	724.26	482.84	
5 years or more	716.72	477.81	

^{*} 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.

TOLL SCHEDULES - SERVICE

AOS and Interruptible Transportation Service - Southern

Commodity Tolls \$/10³m³

Months	PNG Delivery Point	Inland Delivery Area	Huntingdon Delivery Area	FortisBC Kingsvale to Huntingdon*
April to October	3.843	10.027	18.650	6.927
November to March	5.124	13.369	18.650	9.236

^{*} 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

Commodity Tolls \$/10³m³ PNG Inland Compressor Months **Delivery Area Delivery Point** Station No. 2 April to October 8.623 14.807 18.650 5.281 November to March 13.526 18.650

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.