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IDAHO PUBLIC
UTILITIES COMMISSION



July 30, 2021

State of Idaho
Idaho Public Utilities Commission
11331 W. Chinden Blvd
Bldg 8 Suite 201-A
Boise, ID 83714

Attention: Commission Secretary

Re: **Case No. AVU-G-21-06**
Natural Gas Fixed Cost Adjustment Annual Rate Filing of Avista Corporation

In accordance with Case No. GNR-U-20-01, Order No. 34602, which suspends the requirement to file physical copies, the Company has attached for electronic filing with the Commission the following revised tariff sheets:

Fifth Revision Sheet 175 canceling Fourth Revision Sheet 175

These tariff sheets reflect Avista's natural gas Fixed Cost Adjustment (FCA) annual rate adjustment filing. This filing consists of Avista's Application, Exhibit A (the Company's proposed tariffs), Exhibit B (rate calculation), Exhibit C (18-months ending June 30, 2021 deferral), and Exhibit D (customer communications) in support of the Application. The Company requests that the proposed tariff sheets be made effective October 1, 2021.

Electronic versions of the Company's filing were emailed to the Commission, and the Service List, on July 30, 2021.

Please direct any questions on this matter to me at (509) 495-8620 or Joel Anderson at (509) 495-2811.

Sincerely,

/s/ Patrick Ehrbar

Patrick D. Ehrbar
Director of Regulatory Affairs

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9

10 BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

11

12 IN THE MATTER OF THE FIXED COST)
13 ADJUSTMENT MECHANISM (FCA)) CASE NO. AVU-G-21-~~06~~
14 ANNUAL RATE ADJUSTMENT FILING) APPLICATION OF AVISTA
15 OF AVISTA CORPORATION) CORPORATION
16
17

18

I. INTRODUCTION

19 In accordance with Idaho Code §61-502, Commission Order No. 33437, and RP
20 052, Avista Corporation, doing business as Avista Utilities (hereinafter “Avista” or
21 “Company”), at 1411 East Mission Avenue, Spokane, Washington, respectfully makes
22 application to the Idaho Public Utilities Commission (“Commission”) for an order
23 approving the level of natural gas Fixed Cost Adjustment Mechanism (FCA) revenue
24 deferred during 18 months ended June 30, 2021 and authorizing FCA rates for natural gas
25 service from November 1, 2021 through October 31, 2022, and to approve the Company’s
26 corresponding modifications to Schedule 175, “Fixed Cost Adjustment Mechanism –
27 Natural Gas”. The FCA rate for the Residential Group (Schedule 101) is proposed to
28 change from a present rebate rate of 0.783¢ per therm to a proposed rebate rate of 0.493¢
29 per therm. The FCA rate for the Non-Residential Group (Schedules 111 and 112) is

1 proposed to change from a present rebate rate of 0.687¢ per therm to a proposed rebate rate
2 of 0.490¢ per therm. The Residential Group rate change represents a \$0.2 million, or 0.4%
3 increase, to Schedule 101 customers, and the Non-Residential Group rate change represents
4 a \$53,000, or 0.4%, increase. The combined effect of expiring FCA rates and the proposed
5 rates are shown on the table below.

6 **Table No. 1 – Summary of Proposed FCA Change by Group**

7

	Expiring Present FCA Revenue	Proposed FCA Revenue	Proposed FCA Increase
8 Residential	\$ (531,845)	\$ (334,866)	\$ 196,980
9 Non-Residential	\$ (186,354)	\$ (132,916)	\$ 53,438

10 The Company has requested a November 1, 2021 effective date.

11 The Company requests that this filing be processed under the Commission's
12 Modified Procedure Rules (RP 201-204) through the use of written comments.

13 Communications referencing this Application should be addressed to:

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16 Regulatory & Governmental Affairs
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5

6 **II. BACKGROUND**

7 The purpose of the natural gas FCA is to adjust the Company's Commission-
8 authorized revenues from therm sales, such that the Company's revenues will be
9 recognized based on the number of customers served under the applicable natural gas
10 service schedules. The FCA allows the Company to: 1) defer the difference between actual
11 FCA-related revenue received from customers through volumetric rates, and the FCA-
12 related revenue approved for recovery in the Company's last general rate case on a per-
13 customer basis; and 2) file a tariff to surcharge or rebate, by rate group, the total deferred
14 amount accumulated in the deferred revenue accounts for the prior January through
15 December time period.

16 In Case Nos. AVU-E-15-05 and AVU-G-15-01, the Commission in Order No.
17 33437 approved for Avista a Fixed Cost Adjustment Mechanism. On page 10 of Order
18 No. 33437, the Commission stated:

19 The parties have also agreed upon a three-year¹ FCA pilot for electric and natural
20 gas operations. The FCA will compare actual FCA revenues to allowed FCA
21 revenues determined on a per-customer basis. Any differences will be deferred for
22 a rebate or surcharge. There are a number of customer safeguards, including that an
23 FCA surcharge cannot exceed a 3% annual rate adjustment. Any unrecovered
24 balances will be carried forward to recover in future years. Further, there is no limit
25 to the level of the FCA rebate. As part of the Stipulation, Staff and other interested
26 parties, will review the efficacy of the FCA after its second full year to ensure it is
27 functioning as intended. Fixed cost adjustment mechanisms are intended to
28 encourage conservation and allow customers more control over their bills. Further,
29 the proposed FCA will remove any financial disincentive of the Company to
30 encourage energy conservation.

¹ On June 15, 2018, the Idaho Public Utilities Commission approved an Addendum to the Stipulation which extended the term of the pilot for an additional year by Order No. 34085.

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The Section 13 of the Stipulation and Settlement, as amended by Addendum to the Stipulation approved by the Commission in Order No. 34085 on June 15, 2018, provided further details, reproduced below, regarding the mechanics of the fixed cost adjustment mechanism.

A. FCA Mechanisms Term. The Parties agree to an initial FCA term of 4 years, with a review of how the mechanisms have functioned conducted by Avista, Staff, and other interested parties following the end of the third full-year. Avista may seek to extend the term of the mechanism prior to its expiration.²

B. Rate Groups. There will be two rate groups established for both the electric FCA and natural gas FCA:

- Electric Customer Rate Groups:
 1. Residential – Schedule 1
 2. Commercial – Schedules 11, 12, 21, 22, 31, 32

- Natural Gas Rate Groups:
 1. Residential – Schedule 101
 2. Commercial – Schedules 111 and 112

C. Existing Customers and New Customers. The Parties have agreed that revenue related to certain items discussed below would not be included in the FCA for new customers. The result is that the Fixed Cost Adjustment Revenue-Per-Customer for new customers will be less than the Fixed Cost Adjustment Revenue-Per-Customer for existing customers. For new electric customers added after the test period, recovery of incremental revenue related to fixed production and transmission costs would be excluded from the electric FCA. For new natural gas customers added after the test period, recovery of incremental revenue related to fixed production and underground storage facility costs would be excluded. These modifications are included in Appendices B and C to the Stipulation.

D. Quarterly Reporting. Avista will file, within 45 days of the end of each quarter, a report detailing the FCA activity by month.³ The reporting will also include information related to the deferrals by rate group, what the deferrals would have

² Review of the mechanisms took place at a workshop March 27, 2019, and the Company filed a separate application with the Commission which extended the term of the FCA Mechanisms through March 31, 2025. See also discussion starting at page 6 of this application.

³ As stated in Order No. 34502 Case No. AVU-G-19-03, the Company altered its quarterly reporting from 45 days to 60 days from the end of each quarter.

1 been if tracked by rate schedule, use and revenue-per-customer for existing and
2 new customers, and other summary financial information. Avista will provide such
3 other information as may be reasonably requested, from time to time, in the future
4 quarterly reports.
5

6 E. Annual Filings. On or before July 1, the Company will file a proposed rate
7 adjustment surcharge or rebate based on the amount of deferred revenue recorded
8 for the prior January through December time period.⁴ The rate adjustment would
9 be calculated separately for each Rate Group, with the applicable surcharge or
10 rebate recovered from each group on a uniform cents per kWh or per therm basis.
11 The proposed tariff (Schedule 75 for electric, Schedule 175 for natural gas)
12 included with that filing would include a rate adjustment that recovers/rebates the
13 appropriate deferred revenue amount over a twelve-month period effective on
14 October 1 for electric (to match with Power Cost Adjustment and Residential
15 Exchange annual rate adjustments time period) and November 1st for natural gas
16 (to match with the annual Purchased Gas Cost Adjustment rate adjustment time
17 period). The deferred revenue amount approved for recovery or rebate would be
18 transferred to a balancing account and the revenue surcharged or rebated during the
19 period would reduce the deferred revenue in the balancing account. After
20 determining the amount of deferred revenue that can be recovered through a
21 surcharge (or refunded through a rebate) by Rate Group, the proposed rates under
22 Schedules 75 and 175 would be determined by dividing the deferred revenue to be
23 recovered by Rate Group by the estimated kWh sales (Electric FCA) or therm sales
24 (Natural Gas FCA) for each Rate Group during the twelve-month recovery period.
25 Any deferred revenue remaining in the balancing account at the end of the
26 amortization period would be added to the new revenue deferrals to determine the
27 amount of the proposed surcharge/rebate for the following year.
28

29 F. Interest. Interest will be accrued on the unamortized balance in the FCA
30 balancing accounts at the Customer Deposit Rate.
31

32 G. Accounting. Avista will record the deferral in account 186 – Miscellaneous
33 Deferred Debits. The amount approved for recovery or rebate would then be
34 transferred into a Regulatory Asset or Regulatory Liability account for
35 amortization. On the income statement, the Company would record both the
36 deferred revenue and the amortization of the deferred revenue through Account 456
37 (Other Electric Revenue), or Account 495 (Other Gas Revenue), in separate sub-
38 accounts. The Company would file quarterly reports with the Commission showing
39 pertinent information regarding the status of the current deferral. This report would
40 include a spreadsheet showing the monthly revenue deferral calculation for each

⁴ As stated in Order No. 34502 Case No. AVU-G-19-03, The company altered the deferral period of its FCA extension to July through June by using a one-time 18-month deferral period of January 1, 2020 through June 30, 2021. See also discussion starting at page 6 of this application.

1 month of the deferral period (January - December), as well as the current and
2 historical monthly balance in the deferral account.

3
4 H. 3% Rate Increase Cap. An FCA surcharge, by rate group, cannot exceed a 3%
5 annual rate adjustment, and any unrecovered balances will be carried forward to
6 future years for recovery. There is no limit to the level of the FCA rebate.

7
8 **Order No. 34502 Implications**

9
10 On July 1, 2019, Avista Corporation ("Company") applied to the Commission
11 requesting approval to: 1) extend its Fixed Cost Adjustment ("FCA") mechanisms for
12 electric and natural gas service through March 31, 2025; 2) modify its upcoming deferral
13 period to run from January 1, 2020 through June 30, 2021; 3) implement an annual true-up
14 to its FCA mechanisms. The Commission approved this request on December 13, 2019 in
15 Order No. 34502.

16 The Company will use a one-time filing adjustment to modify the deferral period
17 in compliance with Order No. 34502. In prior years, the Company filed its previous year's
18 FCA adjustments by June 30 following the deferral period for rates that became effective
19 on October 1 (electric) and November 1 (natural gas). Under the Company's allowed
20 extension of the mechanism, the Company will use a one-time 18-month deferral period,
21 January 1, 2020 through June 30, 2021, to move the deferral period closer to the filing and
22 effective dates. After the initial deferral adjustment period, subsequent deferral periods
23 will run from July 1 through June 30. The new filing date will move from June 30, the
24 current filing date, to July 31 of each year. Rates will still become effective on October 1
25 (electric) and November 1 (natural gas) as they previously have. Additionally, the
26 Commission approved to modify the FCA mechanisms to include an annual true-up of the
27 allowed FCA revenue, comparing average customer computed deferred revenue to the
28 monthly recorded deferred revenue.

1 As detailed above, the Commission approved the following procedural schedule for
2 administering the annual natural gas FCA filings:

3 July 31 - Company filing for prior January 1, 2020 – June 30, 2021 deferral period
4
5 November 1 - Commission Order and effective date of natural gas FCA rate
6 adjustment.
7

8 **III. DRIVERS OF NATURAL GAS FCA REBATES**

9 The FCA deferrals for Residential and Non-Residential customers for 18 months
10 ended June 30, 2021 were the result of higher monthly use-per-customer than the use-per-
11 customer that was embedded in the 2016 test year (i.e., the FCA base). Residential average
12 monthly use-per-customer was higher by 2 therms, and non-residential average monthly
13 use-per customer was higher by 23 therms. The Company has identified the primary
14 drivers for the change in use-per-customer.

15 First, weather was warmer than normal during 18 months ended June 30, 2021,
16 giving rise to a weather normalization adjustment⁵ that required the addition of 6.4 million
17 therms to residential usage (4 therms per customer) and 1.6 million therms (57 therms per
18 customer) to non-residential usage. The estimated FCA revenue short fall associated with
19 weather was approximately \$3 million residential and \$0.5 million non-residential.

20 Since the 2016 test year used to set 2020 rates, Idaho customers have achieved
21 energy efficiency savings from participation in the Company's Demand Side Management
22 programs. Estimated cumulative savings since the test year (derived from the Idaho 2017,
23 2018, 2019 and 2020 DSM Annual Reports) reduced residential usage for 18 months ended

⁵ The 2020 weather normalization adjustment was included in the Company's WA Commission Basis Filing and the same process was applied to year-to-date June 2021.

1 June 30, 2021 approximately 1.1 million therms and non-residential usage approximately
 2 200 thousand therms. The estimated FCA revenue shortfall associated with energy
 3 efficiency programmatic savings is \$0.8 million residential and \$0.1 million non-
 4 residential.

5 The “other” drivers are related to items not easily quantifiable, such as the effects
 6 of non-programmatic energy efficiency, changes in business cycles, non-quantifiable
 7 effects related to the COVID 19 pandemic, etc. The following table summarizes the impact
 8 of these drivers on the FCA Revenues received from customers in the deferral period.

9 **Table No. 2 – Components of FCA Drivers (\$ in millions)**

Driver	Residential Group		Non-Residential Group	
	Use-per- Customer	FCA Revenue	Use-per- Customer	FCA Revenue
Weather	(4.1)	(\$3.0)	(56.7)	(\$0.5)
Energy Efficiency	(0.7)	(\$0.8)	(7.4)	(\$0.1)
Other	6.8	\$4.1	86.7	\$0.7
Total	2.0	\$0.3	22.6	\$0.1

14 **IV. RESIDENTIAL GROUP RATE DETERMINATION**

15 The Company recorded \$324,456 in the rebate direction in deferred revenue for the
 16 natural gas residential customer group for 18 months ended June 30, 2021. The proposed
 17 rate of 0.493 cents per therm is designed to rebate \$334,866 to the Company’s residential
 18 natural gas customers served under rate Schedule 101. The following table summarizes
 19 the components of the Company’s request to rebate:

20
 21

1 **Table No. 3 – Residential Group FCA Summary**

2

01.2020 – 06.2021 Deferred Revenue	(\$324,456)
Add: Prior Year Residual balance	(\$6,663)
3 Add: Interest through 10/31/2022	(\$2,211)
Add: Revenue Related Expense Adj.	(\$1,536)
4 Total Requested Recovery	(\$334,866)
Customer Rebate Revenue	(\$334,866)
5 Carryover Deferred Revenue	\$0

6 Exhibit B, page 1 shows the derivation of the proposed rate to rebate revenue of
7 \$334,866 based on projected sales volumes for Schedule 101 customers during the
8 rebate/amortization period (November 2021 through October 2022). As identified on tariff
9 Sheet 175B under Step 6 of “Calculation of Monthly FCA Deferral”, interest on the
10 deferred balance accrues at the Customer Deposit Interest Rate.⁶ If the proposed rebate is
11 approved by the Commission, the 18 months ended June 30, 2021 deferral balance, plus
12 interest through October, will be transferred into the regulatory liability balancing account.
13 The balance in the liability account will be reduced each month by the rebate received from
14 customers under the tariff.

15

16 **V. NON-RESIDENTIAL GROUP RATE DETERMINATION**

17 The Company recorded \$130,431 in the rebate direction in deferred revenue for the
18 natural gas Non-Residential Group for 18 months ended June 30, 2021. The proposed
19 rebate rate of 0.490 cents per therm is designed to rebate \$132,916 to the Company’s
20 commercial and industrial customers served under rate Schedules 111 and 112. The

⁶ The Customer Deposit Interest Rate was 2.00% throughout 2020 and 1% beginning January 2021. The current rate of 1.00% has been used as an estimate for purposes of this rate determination.

1 following table summarizes the components of the Company’s request for rebate:

2 **Table No. 4 – Non-Residential Group FCA Summary**

3	01.2020 – 06.2021 Deferred Revenue	(\$130,431)
	Add: Prior Year Residual Balance	(\$918)
4	Add: Interest through 10/31/2022	(\$964)
	Add: Revenue Related Expense Adj.	(\$604)
5	Total Recovery	(\$132,916)
	Customer rebate	(\$132,916)
6	Carryover Deferred Revenue	\$0

7 Exhibit B, page 3 shows the derivation of the proposed rate to rebate revenue of
8 \$132,916 based on projected sales volumes for Schedules 111 and 112 during the
9 rebate/amortization period (November 2021 through October 2022). As identified on the
10 tariff Sheet 175B under Step 6 of “Calculation of Monthly FCA Deferral”, interest on the
11 deferred balance accrues at the Customer Deposit Interest Rate.⁷ If the proposed rebate is
12 approved by the Commission, the deferral balance, plus interest through October will be
13 transferred into the regulatory liability balancing account. The balance in the liability
14 account will be reduced each month by the rebate received by customers under the tariff.

15 Support showing the monthly calculation of the 18 months ended June 30, 2021
16 deferral balances for both the Residential and Non-Residential Groups is provided as
17 Exhibit C. These calculations were also provided to the Commission in quarterly reports
18 (except April through June 2021 which will be provided in the Q2 report by the end of
19 August).

20

⁷ Ibid.

1 **VI. 3% ANNUAL RATE INCREASE TEST**

2 FCA rate adjustment surcharges are subject to a 3% annual rate increase limitation.
3 There is no limit to rebate rate adjustments. As described in tariff Schedule 175, the 3%
4 annual rate increase limitation will be determined by dividing the incremental annual
5 revenue to be collected (proposed surcharge revenue less present surcharge revenue) under
6 this Schedule by the total “normalized” revenue for the two Rate Groups for the most recent
7 January through December time period. Normalized revenue is determined by multiplying
8 the weather-corrected usage for the period by the present rates in effect. If the incremental
9 amount of the proposed surcharge exceeds 3%, only a 3% incremental rate increase will be
10 proposed, and any remaining deferred balance will be carried over to the following year.

11 Exhibit B, page 6 shows the 3% test for the two rate groups. The incremental
12 change from the existing rebate to the proposed rebate for the residential group is an
13 increase of \$0.2 million or approximately 0.4%. For the Non-Residential group, the
14 incremental change from the existing rebate to the proposed rebate is an increase of
15 \$50,000 or approximately 0.4%. As both the Residential deferral and the Non-Residential
16 deferral are rebates not subject to the 3% incremental surcharge test, there is no proposed
17 carry over for either rate class.

18

19 **VII. EXISTING CUSTOMERS AND NEW CUSTOMERS**

20 The Settlement Stipulation approved by the Commission requires that natural gas
21 customers that have been added since the test year are subject to an FCA Revenue-Per-
22 Customer that excludes incremental revenue related to fixed production and underground
23 storage facility costs. Separate calculations for new versus existing customers are clearly

1 identified in the FCA base that was approved in Case No. AVU-G-17-01 Order No. 33953
2 as adjusted by tax reform Case No. GNR-U-18-01 Order No. 34070 for natural gas rates
3 effective since January 1, 2019 (included in this filing as Attachment C, pages 6 through
4 10).

5 Due to this segregation, Avista tracks the usage of new customers since January 1,
6 2017 as compared with existing customers.⁸ In general, the average usage of new natural
7 gas customers is comparable to the average usage of existing customers. Avista will
8 continue to track the usage of new customers over the Fixed Cost Adjustment term.

9

10 **VIII. PROPOSED RATES TO BE EFFECTIVE NOVEMBER 1, 2021**

11 The Company is proposing a per therm FCA rebate rate of 0.493¢ for the
12 Residential Group, and a per therm FCA rebate rate of 0.490¢ for the Non-Residential
13 Group, both to become effective November 1, 2021. Exhibit B to this Application provides
14 the Residential and Non-Residential Rate Calculation, and Exhibit C provides the support
15 for the deferrals for the January 1, 2020 through June 30, 2021 deferral period. Attached
16 as Exhibit A is a copy of the proposed tariff, Schedule 175, which contains the proposed
17 FCA rates. Exhibit A also includes the proposed changes to Schedule 175 in
18 strike/underline format.

19 Residential customers using an average of 63 therms per month would see their
20 monthly bills increase from \$49.49 to \$49.67, an increase of \$0.18 per month, or 0.4%.

21

⁸ “Existing customers” were part of the test year used to set the January 1, 2020 rates (2016 calendar year).
“New customers” consist of all new hookups after the test year.

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IX. COMMUNICATIONS AND SERVICE OF APPLICATION

In conformance with RP 125, this Application will be brought to the attention of the Company’s customers. First, the Company has served a copy of this Application upon the service list in Case Nos. AVU-E-15-05 and AVU-G-15-01, the cases that gave rise to the FCA mechanisms. Second, a copy of Company’s news release and customer notice is provided as Attachment D. The news release will be issued on July 30, 2021, and the customer notice will be inserted in customer bills starting in July and run for a full billing cycle.

X. REQUEST FOR RELIEF

The Company requests that the Commission issue an order approving recovery of FCA deferrals for the period January 1, 2020 through June 30, 2021 and approve a per therm FCA rebate rate of 0.493¢ for the Residential Group, and a per therm FCA rebate rate of 0.490¢ for the Non-Residential Group, both to become effective November 1, 2021. The Residential Group rebate represents a \$0.2 million, or 0.4% incremental increase to schedule 101 customers, and the Non-Residential Group rebate represents a \$50,000, or 0.4% incremental increase to Schedule 111 and 112 customers. The Company requests that the matter be processed under the Commission’s Modified Procedure rules through use of written comments.

Dated at Spokane, Washington this 30th day of July 2021.

AVISTA CORPORATION

BY /s/ Patrick Ehrbar
Patrick D. Ehrbar
Director of Regulatory Affairs

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I have this 30th day of July, 2021, served the Application of Avista Corporation – Fixed Cost Rate Adjustment, upon the following parties, by electronic mailing a copy thereof to:

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Patrick D. Ehrbar
Director of Regulatory Affairs

AVISTA CORPORATION
dba Avista Utilities

SCHEDULE 175
FIXED COST ADJUSTMENT MECHANISM – NATURAL GAS

PURPOSE:

This Schedule establishes balancing accounts and implements an annual Fixed Cost Adjustment (“FCA”) rate mechanism that separates the recovery of the Company’s Commission authorized revenues from therm sales to customers served under the applicable natural gas service schedules.

TERM:

The term of the FCA mechanism will remain in effect through March 31, 2025.

APPLICABLE:

To Customers in the State of Idaho where the Company has natural gas service available. This schedule shall be applicable to all retail customers taking service under Schedules 101, 111, and 112. This Schedule does not apply to Schedules 131/132 (Interruptible Service), Schedule 146 (Transportation Service For Customer-Owned Gas) or Schedule 148 (Special Contracts). Applicable Customers will be segregated into two (2) distinct Rate Groups:

Group 1 – Schedule 101

Group 2 – Schedules 111 and 112

Note – the recovery of incremental revenue related to fixed production and underground storage costs will be excluded for new natural gas customers added after the FCA Base test year.

MONTHLY RATE:

Group 1 – (\$0.00493) per therm

Group 2 – (\$0.00490) per therm

Issued July 30, 2021

Effective November 1, 2021

Issued by Avista Corporation

By

Patrick Ehrbar, Director of Regulatory Affairs



BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION

AVISTA UTILITIES

CASE NO. AVU-G-21-04

EXHIBIT C

**FCA 18 months ended 6.2021 Deferred Revenue Calculation
Natural Gas Service**

July 30, 2021

Avista Utilities
Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
Development of Natural Gas Deferrals (18 Months Ended June 2021)
AVU-G-17-01 FCA Base - Rates Effective 1/1/2019,
With Sch 172 Tax Reform Adj - Rates Effective 1/1/2019

Line No.	Source	Revised									S
		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	
Residential Group											
1	Total Actual Billed Customers	Revenue Reports	85,799	85,793	85,933	86,018	85,840	86,412	86,299	86,548	
2	Total Actual Usage (Therms)	Revenue Reports	9,871,600	9,051,969	7,773,498	5,024,136	2,757,629	1,756,364	1,394,760	1,094,753	
3	Total Actual Base Rate Revenue	Revenue Reports	\$ 5,343,160	\$ 4,731,113	\$ 4,138,163	\$ 2,854,334	\$ 1,806,396	\$ 1,326,129	\$ 1,175,832	\$ 1,043,486	\$
4	Total Actual Fixed Charge Revenue	Revenue Reports	\$ 516,713	\$ 515,875	\$ 517,455	\$ 517,795	\$ 516,915	\$ 521,060	\$ 520,346	\$ 522,151	\$
5											
6											
Existing Customers											
7	Actual Customers on System During Test Year	(1) - (22)	79,361	79,158	79,143	79,062	78,703	79,095	78,766	78,834	
8	Monthly FCA Revenue per Customer	Page 3	\$55.08	\$46.89	\$39.94	\$25.87	\$14.52	\$8.95	\$7.05	\$6.98	
9	Fixed Cost Adjustment Revenue	(7) x (8)	\$ 4,371,435	\$ 3,711,849	\$ 3,160,739	\$ 2,045,305	\$ 1,143,146	\$ 708,038	\$ 555,543	\$ 549,873	\$
10											
11	Actual Base Rate Revenue	(3) - (26)	\$ 4,969,337	\$ 4,378,530	\$ 3,822,826	\$ 2,583,057	\$ 1,648,380	\$ 1,202,496	\$ 1,079,923	\$ 958,854	\$
12	Actual Fixed Charge Revenue	(4) - (27)	\$ 478,822	\$ 476,933	\$ 477,843	\$ 477,163	\$ 475,337	\$ 478,336	\$ 476,207	\$ 477,410	\$
13	Actual Usage (Therms)	(2) - (28)	9,148,498	8,376,846	7,179,992	4,527,665	2,506,996	1,582,203	1,283,320	1,008,473	
14											
15											
16	Customer Fixed Cost Adjustment Revenue	(11) - (12) - (15)	\$ 4,490,515	\$ 3,901,597	\$ 3,344,983	\$ 2,105,895	\$ 1,173,043	\$ 724,161	\$ 603,716	\$ 481,444	\$
17	Residential Revenue Per Customer Received		\$56.58	\$49.29	\$42.27	\$26.64	\$14.90	\$9.16	\$7.66	\$6.11	
18	Existing Customer Deferral - Surcharge (Rebate)	(9) - (16)	\$ (119,080)	\$ (189,748)	\$ (184,244)	\$ (60,590)	\$ (29,897)	\$ (16,123)	\$ (48,173)	\$ 68,429	\$
19											
20											
21											
New Customers											
22	Actual Customers New Since Test Year	Revenue Reports	6,438	6,635	6,790	6,956	7,137	7,317	7,533	7,714	
23	Monthly FCA Revenue per Customer	Page 3	\$52.00	\$44.27	\$37.70	\$24.42	\$13.71	\$8.45	\$6.66	\$6.58	
24	Fixed Cost Adjustment Revenue	(22) x (23)	\$ 334,784	\$ 293,720	\$ 256,002	\$ 169,882	\$ 97,864	\$ 61,835	\$ 50,158	\$ 50,796	\$
25											
26	Actual Base Rate Revenue	Revenue Reports	\$ 373,823	\$ 352,583	\$ 315,337	\$ 271,277	\$ 158,016	\$ 123,633	\$ 95,909	\$ 84,632	\$
27	Actual Fixed Charge Revenue	Revenue Reports	\$ 37,891	\$ 38,942	\$ 39,611	\$ 40,632	\$ 41,578	\$ 42,724	\$ 44,138	\$ 44,741	\$
28	Actual Usage (Therms)	Revenue Reports	723,103	675,123	593,506	496,470	250,633	174,161	111,439	86,281	
29											
30											
31	Fixed Production and UG Storage Rate per Therm	Page 1	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$
32	Fixed Production and UG Storage Revenue	(30) x (31)	\$ 18,794	\$ 17,547	\$ 15,426	\$ 12,904	\$ 6,514	\$ 4,527	\$ 2,896	\$ 2,243	\$
33	Customer Fixed Cost Adjustment Revenue	(26) - (27) - (30) - (32)	\$ 317,138	\$ 296,094	\$ 260,300	\$ 217,741	\$ 109,924	\$ 76,382	\$ 48,874	\$ 37,649	\$
34	Residential Revenue Per Customer Received		\$49.26	\$44.63	\$38.34	\$31.30	\$15.40	\$10.44	\$6.49	\$4.88	
35	New Customer Deferral - Surcharge (Rebate)	(9) - (33)	\$ 17,647	\$ (2,374)	\$ (4,298)	\$ (47,859)	\$ (12,060)	\$ (14,546)	\$ 1,285	\$ 13,147	\$
36											
37	Total Residential Deferral - Surcharge (Rebate)	(18) + (35)	\$ (101,434)	\$ (192,122)	\$ (188,541)	\$ (108,449)	\$ (41,957)	\$ (30,669)	\$ (46,888)	\$ 81,576	\$
38	Deferral - Revenue Related Expenses	Rev Conv Factor	\$ 592	\$ 1,122	\$ 1,101	\$ 633	\$ 245	\$ 179	\$ 274	\$ (476)	\$
39		Customer Deposit Rate	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
40	Interest on Deferral	Avg Balance Calc	\$ (84)	\$ (327)	\$ (643)	\$ (890)	\$ (1,016)	\$ (1,078)	\$ (1,144)	\$ (1,118)	\$
41	Monthly Residential Deferral Totals		\$ (100,925)	\$ (191,328)	\$ (188,084)	\$ (108,706)	\$ (42,729)	\$ (31,509)	\$ (47,759)	\$ 79,982	\$
42											
43	Cumulative Residential Deferral (Rebate)/Surcharge	Σ(37), (38), (40)	\$ (100,925)	\$ (292,255)	\$ (480,337)	\$ (589,043)	\$ (651,772)	\$ (663,341)	\$ (711,099)	\$ (631,117)	\$
44	Prior Calendar Year Subset Interest										
45	Prior Calendar Year Subset Balance										
46	Current Calendar Year Subset Interest										

A - For June only, see Annual Avg Cust Adj workpaper for FCA revenue calculations.

Avista Utilities
 Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
 Development of Natural Gas Deferrals (18 Months Ended June 2021)
 AVU-G-17-01 FCA Base - Rates Effective 1/1/2019,
 With Sch 172 Tax Reform Adj - Rates Effective 1/1/2019

Line No.	Source	Dec-20	Revised	Revised	Revised	Apr-21	May-21	Revised	
			Jan-21	Feb-21	Mar-21			Jun-2	
(a)	(c)	(o)	(p)	(q)	(r)	(s)	(t)		
Residential Group									
1	Total Actual Billed Customers	Revenue Reports	87,688	87,968	87,968	87,968	88,394	88,356	8
2	Total Actual Usage (Therms)	Revenue Reports	10,204,232	10,486,333	10,870,325	7,153,036	4,746,418	2,518,275	1,49
3	Total Actual Base Rate Revenue	Revenue Reports	\$ 5,242,583	\$ 5,289,652	\$ 5,585,026	\$ 3,857,503	\$ 2,725,227	\$ 1,709,012	\$ 1.22
4	Total Actual Fixed Charge Revenue	Revenue Reports	\$ 528,018	\$ 511,516	\$ 516,445	\$ 564,588	\$ 532,020	\$ 531,620	\$ 53
5									
6	Existing Customers								
7	Actual Customers on System During Test Year	(1) - (22)	79,111	79,249	79,318	78,510	78,913	78,754	7
8	Monthly FCA Revenue per Customer	Page 3	\$65.52	\$55.08	\$46.89	\$39.94	\$25.87	\$14.52	
9	Fixed Cost Adjustment Revenue	(7) x (8)	\$ 5,183,470	\$ 4,365,266	\$ 3,719,351	\$ 3,135,459	\$ 2,041,450	\$ 1,143,886	\$ 66
10									
11	Actual Base Rate Revenue	(3) - (26)	\$ 4,766,234	\$ 4,748,681	\$ 5,046,696	\$ 3,391,314	\$ 2,388,346	\$ 1,510,644	\$ 1.07
12	Actual Fixed Charge Revenue	(4) - (27)	\$ 477,896	\$ 459,719	\$ 465,594	\$ 509,476	\$ 476,930	\$ 475,887	\$ 47
13	Actual Usage (Therms)	(2) - (28)	9,286,763	9,433,370	9,821,014	6,268,183	4,139,857	2,211,252	1,29
14									
15	Customer Fixed Cost Adjustment Revenue	(11) - (12) - (15)	\$ 4,288,338	\$ 4,288,963	\$ 4,581,102	\$ 2,881,839	\$ 1,911,416	\$ 1,034,757	\$ 59
17	Residential Revenue Per Customer Received		\$54.21	\$54.12	\$57.76	\$36.71	\$24.22	\$13.14	
18	Existing Customer Deferral - Surcharge (Rebate)	(9) - (16)	\$ 895,152	\$ 76,303	\$ (861,750)	\$ 253,620	\$ 130,034	\$ 109,129	\$ 6
19									
20									
21	New Customers								
22	Actual Customers New Since Test Year	Revenue Reports	8,577	8,719	8,650	9,458	9,481	9,602	1
23	Monthly FCA Revenue per Customer	Page 3	\$61.86	\$52.00	\$44.27	\$37.70	\$24.42	\$13.71	
24	Fixed Cost Adjustment Revenue	(22) x (23)	\$ 530,538	\$ 453,399	\$ 382,921	\$ 356,593	\$ 231,548	\$ 131,665	\$ 11
25									
26	Actual Base Rate Revenue	Revenue Reports	\$ 476,350	\$ 540,971	\$ 538,330	\$ 466,189	\$ 336,881	\$ 198,369	\$ 15
27	Actual Fixed Charge Revenue	Revenue Reports	\$ 50,122	\$ 51,798	\$ 50,851	\$ 55,112	\$ 55,090	\$ 55,733	\$ 5
28	Actual Usage (Therms)	Revenue Reports	917,469	1,052,963	1,049,311	884,854	606,561	307,023	19
29									
30									
31	Fixed Production and UG Storage Rate per Therm	Page 1	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.02599	\$ 0.0
32	Fixed Production and UG Storage Revenue	(30) x (31)	\$ 23,846	\$ 27,368	\$ 27,273	\$ 22,998	\$ 15,765	\$ 7,980	\$
33	Customer Fixed Cost Adjustment Revenue	(26) - (27) - (30) - (32)	\$ 402,382	\$ 461,806	\$ 460,206	\$ 388,078	\$ 266,026	\$ 134,655	\$ 8
34	Residential Revenue Per Customer Received		\$46.91	\$52.97	\$53.20	\$41.03	\$28.06	\$14.02	
35	New Customer Deferral - Surcharge (Rebate)	(9) - (33)	\$ 128,156	\$ (8,406)	\$ (77,285)	\$ (31,485)	\$ (34,477)	\$ (2,991)	\$ 2
36									
37	Total Residential Deferral - Surcharge (Rebate)	(18) + (35)	\$ 1,023,289	\$ 67,897	\$ (939,035)	\$ 222,135	\$ 95,557	\$ 106,139	\$ 8
38	Deferral - Revenue Related Expenses	Rev Conv Factor	\$ (5,975)	\$ (396)	\$ 5,483	\$ (1,297)	\$ (558)	\$ (620)	\$
39	Customer Deposit Rate		2.00%	1.00%	1.00%	1.00%	1.00%	1.00%	
40	Interest on Deferral	Avg Balance Calc	\$ (786)	\$ 58	\$ (302)	\$ (600)	\$ (468)	\$ (385)	\$
41	Monthly Residential Deferral Totals		\$ 1,016,528	\$ 67,559	\$ (933,855)	\$ 220,239	\$ 94,531	\$ 105,134	\$ 8
42									
43	Cumulative Residential Deferral (Rebate)/Surcharge	Σ((37), (38), (40))	\$ 36,409	\$ 103,968	\$ (829,887)	\$ (609,648)	\$ (515,117)	\$ (409,983)	\$ (32)
44	Prior Calendar Year Subset Interest		\$	\$ 30	\$ 30	\$ 30	\$ 30	\$ 30	\$
45	Prior Calendar Year Subset Balance		\$ 36,440	\$ 36,470	\$ 36,500	\$ 36,531	\$ 36,561	\$ 36,561	\$ 3
46	Current Calendar Year Subset Interest		\$	\$ 28	\$ (333)	\$ (630)	\$ (499)	\$ (416)	\$

A - For June only, see Annual Avg Cust Adj workpaper for FCA revenue ca

Avista Utilities
 Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
 Development of Natural Gas Deferrals (18 Months Ended June 2021)
 AVU-G-17-01 FCA Base - Rates Effective 1/1/2019,
 With Sch 172 Tax Reform Adj - Rates Effective 1/1/2019

Line No.	Source	Revised									
		Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	
Non-Residential Group											
1	Total Actual Billed Customers	Revenue Reports	1,542	1,529	1,550	1,537	1,524	1,551	1,534	1,522	
2	Total Actual Usage (Therms)	Revenue Reports	3,248,859	2,972,716	2,733,437	1,680,835	1,292,573	1,585,237	850,609	1,153,636	
3	Total Actual Base Rate Revenue	Revenue Reports	\$ 941,006	\$ 822,003	\$ 767,621	\$ 552,337	\$ 420,270	\$ 463,095	\$ 331,242	\$ 376,670	\$
4	Total Actual Fixed Charge Revenue	Revenue Reports	\$ 163,837	\$ 162,852	\$ 164,543	\$ 163,705	\$ 161,886	\$ 165,301	\$ 163,163	\$ 163,138	\$
5											
6	Existing Customers										
7	Actual Customers on System During Test Year	(1) - (22)	1,497	1,482	1,501	1,487	1,473	1,497	1,484	1,472	
8	Monthly FCA Revenue per Customer	Page 3	\$444.18	\$408.07	\$352.19	\$254.63	\$204.35	\$157.31	\$159.93	\$196.64	
9	Fixed Cost Adjustment Revenue	(7) x (8)	\$ 664,942	\$ 604,764	\$ 528,633	\$ 378,630	\$ 301,001	\$ 235,487	\$ 237,331	\$ 289,460	\$
10											
11	Actual Base Rate Revenue	(3) - (26)	\$ 910,380	\$ 791,095	\$ 731,633	\$ 527,495	\$ 399,678	\$ 437,771	\$ 312,284	\$ 359,563	\$
12	Actual Fixed Charge Revenue	(4) - (27)	\$ 159,002	\$ 151,875	\$ 153,526	\$ 158,290	\$ 155,977	\$ 159,649	\$ 157,761	\$ 157,854	\$
13	Actual Usage (Therms)	(2) - (28)	3,132,179	2,868,067	2,607,371	1,589,842	1,218,441	1,482,730	783,694	1,093,965	
14											
15											
16	Customer Fixed Cost Adjustment Revenue	(11) - (12) - (15)	\$ 751,378	\$ 639,220	\$ 578,106	\$ 369,205	\$ 243,701	\$ 278,122	\$ 154,523	\$ 201,709	\$
17	Non-Residential Revenue Per Customer Received		\$501.92	\$431.32	\$385.15	\$248.29	\$165.45	\$185.79	\$104.13	\$137.03	
18	Existing Customer Deferral - Surcharge (Rebate)	(9) - (16)	\$ (86,436)	\$ (34,457)	\$ (49,473)	\$ 9,425	\$ 57,300	\$ (42,635)	\$ 82,808	\$ 87,752	\$
19											
20											
21	New Customers										
22	Actual Customers New Since Test Year	Revenue Reports	45	47	49	50	51	54	50	50	
23	Monthly FCA Revenue per Customer	Page 3	\$385.28	\$353.96	\$305.48	\$220.86	\$177.25	\$136.45	\$138.72	\$170.57	
24	Fixed Cost Adjustment Revenue	(22) x (23)	\$ 17,338	\$ 16,636	\$ 14,969	\$ 11,043	\$ 9,040	\$ 7,368	\$ 6,936	\$ 8,528	\$
25											
26	Actual Base Rate Revenue	Revenue Reports	\$ 30,625	\$ 30,908	\$ 35,989	\$ 24,843	\$ 20,592	\$ 25,324	\$ 18,958	\$ 17,107	\$
27	Actual Fixed Charge Revenue	Revenue Reports	\$ 4,835	\$ 10,977	\$ 11,017	\$ 5,415	\$ 5,908	\$ 5,652	\$ 5,402	\$ 5,284	\$
28	Actual Usage (Therms)	Revenue Reports	116,680	104,648	126,065	90,993	74,133	102,506	66,915	59,672	
29											
30											
31	Fixed Production and UG Storage Rate per Therm	Page 1 wtd avg	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$
32	Fixed Production and UG Storage Revenue	(30) x (31)	\$ 3,245	\$ 2,911	\$ 3,506	\$ 2,531	\$ 2,062	\$ 2,851	\$ 1,861	\$ 1,660	\$
33	Customer Fixed Cost Adjustment Revenue	(26) - (27) - (30) - (32)	\$ 22,545	\$ 17,020	\$ 21,466	\$ 16,897	\$ 12,621	\$ 16,820	\$ 11,695	\$ 10,163	\$
34	Non-Residential Revenue Per Customer Received		\$501.01	\$362.14	\$438.07	\$337.93	\$247.48	\$311.49	\$233.90	\$203.26	
35	New Customer Deferral - Surcharge (Rebate)	(9) - (33)	\$ (5,208)	\$ (384)	\$ (6,497)	\$ (5,854)	\$ (3,582)	\$ (9,452)	\$ (4,759)	\$ (1,635)	\$
36											
37	Total Non-Residential Deferral - Surcharge (Rebate)	(18) + (35)	\$ (91,644)	\$ (34,841)	\$ (55,970)	\$ 3,571	\$ 53,719	\$ (52,087)	\$ 78,048	\$ 86,117	\$
38	Deferral - Revenue Related Expenses	Rev Conv Factor	\$ 535	\$ 203	\$ 327	\$ (21)	\$ (314)	\$ 304	\$ (456)	\$ (503)	\$
39		Customer Deposit Rate	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	
40	Interest on Deferral	Avg Balance Calc	\$ (76)	\$ (181)	\$ (256)	\$ (300)	\$ (253)	\$ (252)	\$ (231)	\$ (96)	\$
41	Monthly Non-Residential Deferral Totals		\$ (91,185)	\$ (34,818)	\$ (55,899)	\$ 3,250	\$ 53,152	\$ (52,035)	\$ 77,361	\$ 85,519	\$
42	Cumulative Non-Residential Deferral (Rebate)/Surcharge	Σ((37), (38), (40))	\$ (91,185)	\$ (126,003)	\$ (181,903)	\$ (178,653)	\$ (125,501.03)	\$ (177,536)	\$ (100,175)	\$ (14,656)	\$
43											
44	Prior Calendar Year Subset Interest										
45	Prior Calendar Year Subset Balance										
46	Current Calendar Year Subset Interest										
47	Total Cumulative Deferral	Res line(43) +Non-Res line (43)	\$ (192,111)	\$ (418,256)	\$ (662,240)	\$ (767,696)	\$ (757,273)	\$ (840,877)	\$ (811,274)	\$ (645,774)	\$

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Avista Utilities
 Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
 Development of Natural Gas Deferrals (18 Months Ended June 2021)
 AVU-G-17-01 FCA Base - Rates Effective 1/1/2019,
 With Sch 172 Tax Reform Adj - Rates Effective 1/1/2019

Line No.	Source	Dec-20	Revised Jan-21	Revised Feb-21	Revised Mar-21	Apr-21	May-21	Revised Jun-21
(a)	(b)	(c)	(o)	(p)	(q)	(r)	(s)	(t)
Non-Residential Group								
1	Total Actual Billed Customers	Revenue Reports	1,556	1,558	1,558	1,558	1,557	1,535
2	Total Actual Usage (Therms)	Revenue Reports	3,164,804	3,101,280	3,330,716	2,842,142	1,835,878	1,532,835
3	Total Actual Base Rate Revenue	Revenue Reports	\$ 857,714	\$ 841,790	\$ 887,006	\$ 840,719	\$ 578,629	\$ 473,378
4	Total Actual Fixed Charge Revenue	Revenue Reports	\$ 165,148	\$ 152,614	\$ 158,093	\$ 186,707	\$ 165,468	\$ 163,939
5								
6	Existing Customers							
7	Actual Customers on System During Test Year	(1) - (22)	1,504	1,504	1,504	1,497	1,501	1,475
8	Monthly FCA Revenue per Customer	Page 3	\$448.35	\$444.18	\$408.07	\$352.19	\$254.63	\$204.35
9	Fixed Cost Adjustment Revenue	(7) x (8)	\$ 674,314	\$ 668,051	\$ 613,741	\$ 527,225	\$ 382,194	\$ 301,410
10								
11	Actual Base Rate Revenue	(3) - (26)	\$ 829,960	\$ 811,104	\$ 852,805	\$ 806,289	\$ 553,232	\$ 451,936
12	Actual Fixed Charge Revenue	(4) - (27)	\$ 159,676	\$ 146,859	\$ 150,684	\$ 178,475	\$ 159,522	\$ 157,713
13	Actual Usage (Therms)	(2) - (28)	3,063,438	2,987,799	3,203,183	2,717,471	1,744,274	1,457,809
14								
15								
16	Customer Fixed Cost Adjustment Revenue	(11) - (12) - (15)	\$ 670,284	\$ 664,245	\$ 702,121	\$ 627,815	\$ 393,710	\$ 294,224
17	Non-Residential Revenue Per Customer Received		\$445.67	\$441.65	\$466.84	\$419.38	\$262.30	\$199.47
18	Existing Customer Deferral - Surcharge (Rebate)	(9) - (16)	\$ 4,030	\$ 3,806	\$ (88,379)	\$ (100,590)	\$ (11,516)	\$ 7,186
19								
20								
21	New Customers							
22	Actual Customers New Since Test Year	Revenue Reports	52	54	54	61	56	60
23	Monthly FCA Revenue per Customer	Page 3	\$388.89	\$385.28	\$353.96	\$305.48	\$220.86	\$177.25
24	Fixed Cost Adjustment Revenue	(22) x (23)	\$ 20,222	\$ 20,805	\$ 19,114	\$ 18,634	\$ 12,368	\$ 10,635
25								
26	Actual Base Rate Revenue	Revenue Reports	\$ 27,754	\$ 30,686	\$ 34,201	\$ 34,430	\$ 25,397	\$ 21,442
27	Actual Fixed Charge Revenue	Revenue Reports	\$ 5,472	\$ 5,755	\$ 7,408	\$ 8,232	\$ 5,946	\$ 6,226
28	Actual Usage (Therms)	Revenue Reports	101,367	113,482	127,532	124,671	91,604	75,026
29								
30								
31	Fixed Production and UG Storage Rate per Therm	Page 1 wtd avg	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781	\$ 0.02781
32	Fixed Production and UG Storage Revenue	(30) x (31)	\$ 2,819	\$ 3,156	\$ 3,547	\$ 3,468	\$ 2,548	\$ 2,087
33	Customer Fixed Cost Adjustment Revenue	(26) - (27) - (30) - (32)	\$ 19,463	\$ 21,775	\$ 23,245	\$ 22,730	\$ 16,903	\$ 13,129
34	Non-Residential Revenue Per Customer Received		\$374.28	\$403.23	\$430.47	\$372.63	\$301.85	\$218.82
35	New Customer Deferral - Surcharge (Rebate)	(9) - (33)	\$ 760	\$ (970)	\$ (4,132)	\$ (4,096)	\$ (4,535)	\$ (2,494)
36								
37	Total Non-Residential Deferral - Surcharge (Rebate)	(18) + (35)	\$ 4,790	\$ 2,837	\$ (92,511)	\$ (104,686)	\$ (16,051)	\$ 4,692
38	Deferral - Revenue Related Expenses	Rev Conv Factor	\$ (28)	\$ (17)	\$ 540	\$ 611	\$ 94	\$ (27)
39		Customer Deposit Rate	2.00%	1.00%	1.00%	1.00%	1.00%	1.00%
40	Interest on Deferral	Avg Balance Calc	\$ 92	\$ 49	\$ 12	\$ (70)	\$ (120)	\$ (124)
41	Monthly Non-Residential Deferral Totals		\$ 4,854	\$ 2,869	\$ (91,959)	\$ (104,144)	\$ (16,077)	\$ 4,540
42								
43	Cumulative Non-Residential Deferral (Rebate)/Surcharge	Σ((37), (38), (40))	\$ 57,645	\$ 60,514	\$ (31,445)	\$ (135,589)	\$ (151,666)	\$ (147,126)
44	Prior Calendar Year Subset Interest		\$	\$ 48	\$ 48	\$ 48	\$ 48	\$ 48
45	Prior Calendar Year Subset Balance		\$ 57,693	\$ 57,741	\$ 57,741	\$ 57,789	\$ 57,837	\$ 57,885
46	Current Calendar Year Subset Interest		\$ 1	\$ (36)	\$ (118)	\$ (168)	\$ (173)	\$ (173)
47	Total Cumulative Deferral	Res line(43) + Non-Res line (43)	\$ 94,054	\$ 164,482	\$ (861,332)	\$ (745,237)	\$ (666,783)	\$ (557,109)

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Avista Utilities
Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
Development of Natural Gas Deferrals (18 Months Ended June 2021)
AVU-G-17-01 FCA Base - Rates Effective 1/1/2019,
With Sch 172 Tax Reform Adj - Rates Effective 1/1/2019

Purpose: As approved by Order No. 34502 in Case No. AVU-G-19-03, the Company will include a true-up to calculate Fixed Cost (FCA) revenue using annual average customers compared to what was recorded using monthly customer counts, an difference so that the annual FCA revenue is based on annual average customers.

Procedure: Separately for existing and new, residential and non-residential, calculated annual average customers are multiplied by FCA revenue per customer (RPC) by month to calculate total FCA revenue for the period based on annual average cu: initial true up is for the 18 month period from January 2020 through June 2021, future true-ups will be for July t annual periods). This was compared to the amount recorded using monthly actual customers and monthly FC difference was recorded with the monthly FCA revenue for June 2021.

	18 month Ended Jun	
	Existing Customers	Cu
Residential		
Average Actual Customers (average of line 7 or 22 in Deferral Calc)	78,960	
Sum of Montly Fixed RPC (sum of line 8 or 23 in Deferral Calc)	\$ 540.89	\$
Total FCA Revenue using Average Existing Customers	\$ 42,708,380.42	\$ 4
Less Existing Customer FCA Revenue (sum of line 9 or 24 in Deferral Calc)	42,046,435.50	4
FCA Revenue to record for June to reflect true-up	\$ 661,944.91	\$
June 2021 Actual Customers (line 7 or 22, column U in Deferral Calc)	78,818	
June 2021 Montly Fixed RPC (line 8 or 23, column U in Deferral Calc)	\$ 8.95	\$
Total FCA Revenue for June 2021 using monthly actuals	\$ 705,557.98	\$
Net increase/(decrease) to FCA Revenue due to Average Calculation	\$ (43,613.06)	\$
Non-Residential		
Average Actual Customers (average of line 7 or 22 in Deferral Calc)	1,491	
Sum of Montly Fixed RPC (sum of line 8 or 23 in Deferral Calc)	\$ 5,254.54	\$
Total FCA Revenue using Average Existing Customers	\$ 7,835,980.91	\$
Less Existing Customer FCA Revenue (sum of line 9 or 24 in Deferral Calc)	7,607,564.01	
FCA Revenue to record for June to reflect true-up	\$ 228,416.90	\$
June 2021 Actual Customers (line 7 or 22, column U in Deferral Calc)	1,509	
June 2021 Montly Fixed RPC (line 8 or 23, column U in Deferral Calc)	\$ 157.31	\$
Total FCA Revenue for June 2021 using monthly actuals	\$ 237,375.13	\$
Net increase/(decrease) to FCA Revenue due to Average Calculation	\$ (8,958.23)	\$

Avista Utilities
Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
Development of Fixed Cost Adjustment Revenue by Rate Schedule - Natural Gas
AVU-G-17-01 Rates Effective 1/1/2019 plus Tax Reform Schedule 172 Effective 1/1/2019

	TOTAL	GENERAL SERVICE SCHEDULE 101	LARGE GENERAL SERVICE SCH. 111/112	OTHER SERVICE SCHEDULE
1 Total Staff Adjusted Normalized Test Year Revenue	\$ 40,652,000	\$ 33,197,000	\$ 6,950,000	\$ 500,000
2 Year 1 Settlement Revenue Increase	\$ 1,180,000	\$ 1,073,000	\$ 95,000	\$ 10,000
2A Year 2 Settlement Revenue Increase	\$ 1,120,000	\$ 1,020,000	\$ 89,000	\$ 10,000
3 Total Base Rate Revenue (January 1, 2019)	\$ 42,952,000	\$ 35,290,000	\$ 7,134,000	\$ 528,000
3A Tax Reform Adjustment Schedule 172 (Effective January 1, 2019)	\$ (2,616,000)	\$ (2,148,000)	\$ (442,000)	\$ (24,000)
3B Tax Reform Adjusted Base Rates (January 1, 2019)	\$ 40,336,000	\$ 33,142,000	\$ 6,692,000	\$ 500,000
4 Normalized Therms (Test Year)	138,212,674	59,156,634	23,271,119	55,780,921
5 WACOG Rate Embedded in Base Rates	\$ -	\$ -	\$ -	\$ -
6 Variable Gas Cost Revenue (Ln 4 * Ln 5)	\$ -	\$ -	\$ -	\$ -
6A Fixed Production and Underground Storage (New Customers Only)	\$ -	\$ 0.02599	\$ 0.02781	\$ -
6B Fixed Production and Underground Storage (New Customers Only)	\$ 2,228,409	\$ 1,537,536	\$ 647,270	\$ 4,602
7 Subtotal (Ln 3B - Ln 6) (Test Year Customers)	\$ 39,834,000	\$ 33,142,000	\$ 6,692,000	Excluded Fixed Cost Adjustment
7A Subtotal (Ln 3B - Ln 6 - Ln 6B) (New Customers)	\$ 37,649,194	\$ 31,604,464	\$ 6,044,730	
8 Customer Bills (Test Year)	960,302	943,245	17,057	
9 Settlement Fixed Charges		\$ 6.00	\$ 106.18	
10 Fixed Charge Revenue (Ln 8 * Ln 9)	\$ 7,470,582	\$ 5,659,470	\$ 1,811,112	
11 Fixed Cost Adjustment Revenue (Ln 7 - Ln 10) (Test Year Customers)	\$ 32,363,418	\$ 27,482,530	\$ 4,880,888	
11A Fixed Cost Adjustment Revenue (Ln 7A - Ln 10) (New Customers)	\$ 30,178,611	\$ 25,944,994	\$ 4,233,617	
		Residential	Non-Residential Group	
12 Average Number of Customers (Line 8 / 12)		78,604	1,421	
13 Annual Therms		59,156,634	23,271,119	
14 Basic Charge Revenues		5,659,470	1,811,112	
15 Customer Bills		943,245	17,057	
16 Average Basic Charge		\$6.00	\$106.18	

Avista Utilities
 Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
 Development of Annual Fixed Cost Adjustment Revenue Per Customer - Natural Gas
 AVU-G-17-01 Rates Effective 1/1/2019 plus Tax Reform Schedule 172 Effective 1/1/2019

Line No.	(a)	Source (b)	Residential (c)	Non-Residential Schedules* (d)
	<u>Existing Customer FCA</u>			
1	Fixed Cost Adjustment Revenue	Page 1	\$ 27,482,530	\$ 4,880,888
2	Test Year Number of Customers	Revenue Data	78,604	1,421
3	Fixed Cost Adjustment Revenue Per Customer	(1) / (2)	\$ 349.63	\$ 3,433.82
	<u>New Customer FCA</u>			
1	Fixed Cost Adjustment Revenue	Page 1	\$ 25,944,994	\$ 4,233,617
2	Test Year Number of Customers	Revenue Data	78,604	1,421
3	Fixed Cost Adjustment Revenue Per Customer	(1) / (2)	\$ 330.07	\$ 2,978.45
	* Schedules 111 and 112.			
		Revenues		
		From revenue per customer	\$ 27,482,229	\$ 4,880,889
		From basic charge	\$ 5,659,470	\$ 1,811,112
		From gas supply	\$ -	\$ -
		Total	\$ 33,141,699	\$ 6,692,001

Avista Utilities
Natural Gas Fixed Cost Adjustment Mechanism (Idaho)
Development of Monthly Fixed Cost Adjustment Revenue Per Customer - Natural Gas
AVU-G-17-01 Rates Effective 1/1/2019 plus Tax Reform Schedule 172 Effective 1/1/2019

Line No.	Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	
1	Natural Gas Sales										
2	<u>Residential</u>										
3	- Weather-Normalized Therm Delivery Volume	Monthly Test Year	9,319,909	7,933,964	6,757,265	4,377,085	2,457,565	1,514,614	1,193,367	1,180,168	1,401,784
4	- % of Annual Total	% of Total	15.75%	13.41%	11.42%	7.40%	4.15%	2.56%	2.02%	1.99%	2.37%
5											
6	<u>Non-Residential Sales*</u>										
7	- Weather-Normalized Therm Delivery Volume	Monthly Test Year	3,010,243	2,765,523	2,386,786	1,725,613	1,384,859	1,066,070	1,083,827	1,332,665	1,028,780
8	- % of Annual Total	% of Total	12.94%	11.88%	10.26%	7.42%	5.95%	4.58%	4.66%	5.73%	4.42%
9											
10											
11	Monthly Fixed Cost Adjustment Revenue Per Customer ("RPC")										
12	<u>For Test Year Existing Customers</u>										
13	<u>Residential</u>										
14	- Allowed Fixed Cost Adj. Revenue per Customer	Page 2									
15	- Allowed Monthly Fixed Cost Adj. Revenue per Customer	(3) x (14)	\$ 55.08	\$ 46.89	\$ 39.94	\$ 25.87	\$ 14.52	\$ 8.95	\$ 7.05	\$ 6.98	\$ 8.28
16											
17	<u>Non-Residential Sales*</u>										
18	- Allowed Fixed Cost Adj. Revenue per Customer	Page 2									
19	- Allowed Monthly Fixed Cost Adj. Revenue per Customer	(7) x (18)	\$ 444.18	\$ 408.07	\$ 352.19	\$ 254.63	\$ 204.35	\$ 157.31	\$ 159.93	\$ 196.64	\$ 151.80
20											
21											
22	<u>For New Customers</u>										
23	<u>Residential</u>										
24	- Allowed Fixed Cost Adj. Revenue per Customer	Page 2									
25	- Allowed Monthly Fixed Cost Adj. Revenue per Customer	(3) x (24)	\$ 52.00	\$ 44.27	\$ 37.70	\$ 24.42	\$ 13.71	\$ 8.45	\$ 6.66	\$ 6.58	\$ 7.82
26											
27	<u>Non-Residential Sales*</u>										
28	- Allowed Fixed Cost Adj. Revenue per Customer	Page 2									
29	- Allowed Monthly Fixed Cost Adj. Revenue per Customer	(7) x (28)	\$ 385.28	\$ 353.96	\$ 305.48	\$ 220.86	\$ 177.25	\$ 136.45	\$ 138.72	\$ 170.57	\$ 131.67
	* Schedules 111 and 112.										
30	Normalized Test Year Usage										
31	Small Service Schedule 101		9,319,909	7,933,964	6,757,265	4,377,085	2,457,565	1,514,614	1,193,367	1,180,168	1,401,784
32	Large Service Schedule 111/112		3,010,243	2,765,523	2,386,786	1,725,613	1,384,859	1,066,070	1,083,827	1,332,665	1,028,780
33	Interrupt Service Schedule 131/132		-	-	-	-	-	-	-	-	-
34	Transport Service Schedule 146		258,551	330,679	255,099	294,126	255,691	218,925	201,080	207,868	208,303
35	Special Contract Transport		5,371,194	5,432,014	4,400,560	3,420,592	3,413,413	2,907,702	6,185,831	3,246,590	4,217,669
36	Total Normalized Test Year Usage		17,959,896	16,462,180	13,799,710	9,817,416	7,511,528	5,707,311	8,664,105	5,967,291	6,856,537
37											
38											
39	Normalized Test Year Customer Bills										
40	Small Service Schedule 101		78,021	78,174	78,273	78,247	78,230	78,297	78,357	78,634	78,840
41	Large Service Schedule 111/112		1,411	1,416	1,430	1,425	1,433	1,426	1,428	1,418	1,419
42	Interrupt Service Schedule 131/132		-	-	-	-	-	-	-	-	-
43	Transport Service Schedule 146		6	6	6	6	6	6	6	6	6
44	Special Contract Transport		2	2	2	2	2	2	2	2	2
45	Total Normalized Test Year Customer Bills		79,440	79,598	79,711	79,680	79,671	79,731	79,793	80,060	80,267
46											
47											
48	Test Year Average Usage per Customer										
49	Residential		119	101	86	56	31	19	15	15	18
50	Non-Residential		2,133	1,953	1,669	1,211	966	748	759	940	725

CASE NO. AVU-G-17-01 SETTLEMENT STIPULATION APPENDIX E WITH SCHEDULE 172

AVISTA UTILITIES
 Company Settlement Summary by Function with Margin Analysis
 Case 2019 Revenue For the Year Ended December 31, 2016

Natural Gas Utility
 Idaho Jurisdiction

	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
Line	Description	System Total	Residential Service Sch 101	Large Firm Service Sch 111	Interrupt Service Sch 131	Transport Service Sch 146			
Functional Cost Components at Proposed Rates									
26	Production	446,522	318,072	125,124	0	3,326			
27	Underground Storage	1,781,887	1,219,464	522,147	0	40,277			
28	Distribution	28,073,873	22,899,245	4,893,541	0	281,087			
29	Common	12,546,718	10,853,116	1,593,609	0	99,993			
30	Total Proposed Rate Revenue	42,849,000	35,289,897	7,134,421	0	424,683			
31	Exclude Cost of Gas w / Revenue Exp.	0	0	0	0	0			
32	Total Margin Revenue at Proposed Rates	42,849,000	35,289,897	7,134,421	0	424,683			
Margin per Therm at Proposed Rates									
33	Production	\$0.00523	\$0.00538	\$0.00538	\$0.00000	\$0.00115			
34	Underground Storage	\$0.02089	\$0.02061	\$0.02244	\$0.00000	\$0.01393			
35	Distribution	\$0.32905	\$0.38710	\$0.21028	\$0.00000	\$0.09722			
36	Common	\$0.14706	\$0.18346	\$0.06848	\$0.00000	\$0.03459			
37	Total Proposed Margin Melded Rate per Therm	\$0.50222	\$0.59655	\$0.30658	\$0.00000	\$0.14689			
Functional Cost Components at Uniform Proposed Return									
38	Production	446,522	318,072	125,124	0	3,326			
39	Underground Storage	1,740,042	1,287,037	413,080	0	39,925			
40	Distribution	28,028,889	23,766,435	3,983,412	0	279,042			
41	Common	12,633,547	11,098,418	1,435,500	0	99,628			
42	Total Uniform Proposed Cost	42,849,000	36,469,963	5,957,116	0	421,921			
43	Exclude Cost of Gas w / Revenue Exp.	0	0	0	0	0			
44	Total Uniform Proposed Margin	42,849,000	36,469,963	5,957,116	0	421,921			
Margin per Therm at Uniform Proposed Return									
45	Production	\$0.00523	\$0.00538	\$0.00538	\$0.00000	\$0.00115			
46	Underground Storage	\$0.02039	\$0.02176	\$0.01775	\$0.00000	\$0.01381			
47	Distribution	\$0.32852	\$0.40175	\$0.17117	\$0.00000	\$0.09652			
48	Common	\$0.14807	\$0.18761	\$0.06169	\$0.00000	\$0.03446			
49	Total Proposed Uniform Margin Melded Rate per Therm	\$0.50222	\$0.61650	\$0.25599	\$0.00000	\$0.14594			
50	Margin to Cost Ratio at Proposed Rates	1.00	0.97	1.20	0.00	1.01			
51	Current Margin to Proposed Cost Ratio	0.95	0.91	1.17	0.00	0.95			

Page 4 - Cost of Service

CASE NO. AVU-G-17-01 SETTLEMENT STIPULATION APPENDIX E WITH SCHEDULE 172

AVISTA UTILITIES
Revenue Conversion Factor
Idaho - Natural Gas System
TWELVE MONTHS ENDED DECEMBER 31, 2016

Line No.	Description	Factor	
1	Revenues	1.000000	1.000000
	Expenses:		
2	Uncollectibles	0.003564	0.003564
3	Commission Fees	0.002275	0.002275
4	Idaho State Income Tax	0.047973	0
5	Total Expenses	<u>0.053812</u>	<u>0.005839</u>
6	Net Operating Income Before FIT	0.946188	0.994161
7	Federal Income Tax @ 21%	<u>0.198699</u>	
8	REVENUE CONVERSION FACTOR	<u><u>0.747489</u></u>	

Updated to reflect tax reform

BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION

AVISTA UTILITIES

CASE NO. AVU-G-21-04

EXHIBIT B

**FCA Rate Calculation
November 1, 2021 – October 31, 2022
Natural Gas Service**

July 30, 2021

Avista Utilities
 Calculation of Fixed Cost Adjustment (FCA) Surcharge or Rebate Amortization Rates
 Effective November 1, 2021 - October 31, 2022

Idaho Residential Natural Gas				
Line No.	Date	Unamortized Balance (1)	Interest (2)	Forecast Usage
1		-0.00489	1.00%	
2	Oct-21	(\$332,202)		
3	Nov-21	(\$292,548)	(\$260)	8,160,956
4	Dec-21	(\$234,275)	(\$219)	11,959,873
5	Jan-22	(\$180,108)	(\$173)	11,110,618
6	Feb-22	(\$134,400)	(\$131)	9,372,445
7	Mar-22	(\$94,811)	(\$95)	8,114,171
8	Apr-22	(\$68,977)	(\$68)	5,296,162
9	May-22	(\$54,585)	(\$51)	2,953,075
10	Jun-22	(\$44,609)	(\$41)	2,048,366
11	Jul-22	(\$37,694)	(\$34)	1,420,917
12	Aug-22	(\$31,608)	(\$29)	1,250,165
13	Sep-22	(\$23,449)	(\$23)	1,672,920
14	Oct-22	(\$1,136)	(\$10)	4,564,397
15	Annual Total		(\$1,136)	67,924,065
16	Incremental Rate to Recover Estimated Interest		(\$0.00002)	
17	Estimated Rate to Recover Deferral Balance		(\$0.00489)	
18	Rate before Gross-up for Revenue-related items		(\$0.00491)	
19	Times: Gross-up for Revenue-related items (3)		1.004373	
20	Preliminary Proposed FCA Rate		(\$0.00493)	
21	3% Test Rate Adjustment (4)		\$0.00000	
22	Final Proposed FCA Rate		(\$0.00493)	Rebate Rate
23	Adjusted for Revenue Related Expenses		(\$0.00491)	Amortization Rate
24	Estimated Carryover Balance due to 3% test (5)		\$0	

Notes

- (1) Deferral balance at the end of the month, Rate of -\$0.00489 to recover the October 2021 balance of -\$332,202 over 12 months. See page 2 of Exhibit B for October 2021 balance calculation.
 - (2) Interest computed on average balance between beginning and end of month at the present IPUC Consumer Deposit rate. The IPUC Consumer Deposit rate is updated annually.
- <https://puc.idaho.gov/Fileroom/PublicFiles/GAS/34866.pdf>
- (3) AVU-G-21-01 conversion factor, see page 7 of Exhibit B.
 - (4) See page 6 of Exhibit B for 3% test adjustment calculations.
 - (5) See page 2 of Exhibit B for estimated carryover balance calculations.

Idaho Residential Natural Gas

Calculate Estimated Monthly Balances through October 2021

Line No.		Ending Balance	Consumer Deposit Interest Rate 1.00%	Amortization
1	Jun-21	(\$324,456)		
2	Jul-21	(\$324,726)	(\$270)	
3	Aug-21	(\$324,997)	(\$271)	
4	Sep-21	(\$325,267)	(\$271)	
5	Oct-21	(\$325,539)	(\$271)	
6	prior year residual	(\$6,663)		
7	Nov-21	(\$292,404)	(\$260)	(\$40,058)
8	Dec-21	(\$233,917)	(\$219)	(\$58,705)
9	Jan-22	(\$179,553)	(\$172)	(\$54,537)
10	Feb-22	(\$133,678)	(\$130)	(\$46,005)
11	Mar-22	(\$93,944)	(\$95)	(\$39,829)
12	Apr-22	(\$68,015)	(\$67)	(\$25,996)
13	May-22	(\$53,571)	(\$51)	(\$14,495)
14	Jun-22	(\$43,557)	(\$40)	(\$10,054)
15	Jul-22	(\$36,615)	(\$33)	(\$6,975)
16	Aug-22	(\$30,507)	(\$28)	(\$6,136)
17	Sep-22	(\$22,317)	(\$22)	(\$8,212)
18	Oct-22	\$78	(\$9)	(\$22,405)
19	Total		(\$2,211)	(\$333,408)
Summary				
20	01.2020 - 06.2021 Deferred Revenue	(\$324,456)		
21	Add Prior Year Residual Balance	(\$6,663)		
22	Add Interest through 10/31/2022	(\$2,211)		
23	Add Revenue Related Expense Adj.	<u>(\$1,536)</u>		
24	Total Requested Recovery	(\$334,866)		
25	Customer Rebate Revenue	(\$334,866)		
26	Carryover Deferred Revenue	\$0		

Avista Utilities
 Calculation of Fixed Cost Adjustment (FCA) Surcharge or Rebate Amortization Rates
 Effective November 1, 2021 - October 31, 2022

Idaho Non-Residential Natural Gas				
Line No.	Date	Unamortized Balance (1)	Interest (2)	Forecast Usage
1		-0.00486	1.00%	
2	Oct-21	(\$131,784)		
3	Nov-21	(\$115,070)	(\$103)	3,461,410
4	Dec-21	(\$96,093)	(\$88)	3,924,325
5	Jan-22	(\$78,647)	(\$73)	3,605,922
6	Feb-22	(\$63,759)	(\$59)	3,076,712
7	Mar-22	(\$50,974)	(\$48)	2,641,511
8	Apr-22	(\$42,044)	(\$39)	1,846,028
9	May-22	(\$36,565)	(\$33)	1,134,556
10	Jun-22	(\$30,645)	(\$28)	1,224,169
11	Jul-22	(\$25,527)	(\$23)	1,058,341
12	Aug-22	(\$19,938)	(\$19)	1,154,261
13	Sep-22	(\$13,079)	(\$14)	1,414,621
14	Oct-22	(\$532)	(\$6)	2,583,857
15	Annual Total		(\$532)	27,125,714
16	Incremental Rate to Recover Estimated Interest		(\$0.00002)	
17	Estimated Rate to Recover Deferral Balance		(\$0.00486)	
18	Rate before Gross-up for Revenue-related items		(\$0.00488)	
19	Times: Gross-up for Revenue-related items (3)		1.004373	
20	Preliminary Proposed FCA Rate		(\$0.00490)	
21	3% Test Rate Adjustment (4)		\$0.00000	
22	Final Proposed FCA Rate		(\$0.00490)	Rebate Rate
23	Adjusted for Revenue Related Expenses		(\$0.00488)	Amortization Rate
24	Estimated Carryover Balance due to 3% test (5)		\$0	

Notes

- (1) Deferral balance at the end of the month, Rate of -\$0.00486 to rebate the October 2021 balance of -\$131,784 over 12 months. See page 4 of Exhibit B for October 2021 balance calculation.
- (2) Interest computed on average balance between beginning and end of month at the present IPUC Consumer Deposit rate. The IPUC Consumer Deposit rate is updated annually.

<https://puc.idaho.gov/Fileroom/PublicFiles/GAS/34866.pdf>
- (3) AVU-G-21-01 conversion factor, see page 7 of Exhibit B.
- (4) See page 6 of Exhibit B for 3% test adjustment calculations.
- (5) See page 2 of Exhibit B for estimated carryover balance calculations.

Idaho Non-Residential Natural Gas
Calculate Estimated Monthly Balance through October 2021

Line No.		Ending Balance	Consumer Deposit Interest Rate 1.00%	Amortization
1	Jun-21	(\$130,431)		
2	Jul-21	(\$130,539)	(\$109)	
3	Aug-21	(\$130,648)	(\$109)	
4	Sep-21	(\$130,757)	(\$109)	
5	Oct-21	(\$130,866)	(\$109)	
6	prior year residual	(\$918)		
7	Nov-21	(\$115,000)	(\$103)	(\$16,887)
8	Dec-21	(\$95,942)	(\$88)	(\$19,145)
9	Jan-22	(\$78,423)	(\$73)	(\$17,592)
10	Feb-22	(\$63,471)	(\$59)	(\$15,010)
11	Mar-22	(\$50,632)	(\$48)	(\$12,887)
12	Apr-22	(\$41,664)	(\$38)	(\$9,006)
13	May-22	(\$36,161)	(\$32)	(\$5,535)
14	Jun-22	(\$30,217)	(\$28)	(\$5,972)
15	Jul-22	(\$25,077)	(\$23)	(\$5,163)
16	Aug-22	(\$19,464)	(\$19)	(\$5,631)
17	Sep-22	(\$12,576)	(\$13)	(\$6,901)
18	Oct-22	\$25	(\$5)	(\$12,606)
19	Total		(\$964)	(\$132,337)

Summary

20	01.2020 - 06.2021 Deferred Revenue	(\$130,431)	
21	Add Prior Year Residual Balance	(\$918)	
22	Add Interest through 10/31/2022	(\$964)	
23	Add Revenue Related Expense Adj.	(\$604)	
24	Total Requested Recovery	(\$132,916)	
25	Customer Rebate Revenue	(\$132,916)	
26	Carryover Deferred Revenue	\$0	

Avista Utilities
FCA Mechanism Prior Surcharge or Rebate Amortization
Effective November 1, 2020 - October 31, 2021

Residential Natural Gas Rebate

Line No.	Date	Regulatory Liability Beginning Balance	Interest	Amortization	Regulatory Liability Beginning Balance	Interest Rate	July - October Forecast Usage
1	Nov-20	\$ (510,078.83)	(\$791.84)	\$ 69,948.44	\$ (440,922.23)	2.00%	
2	Dec-20	\$ (440,922.23)	(\$669.07)	\$ 78,960.18	\$ (362,631.12)	2.00%	
3	Jan-21	\$ (362,631.12)	(\$268.18)	\$ 81,624.37	\$ (281,274.93)	1.00%	
4	Feb-21	\$ (281,274.93)	(\$199.14)	\$ 84,620.76	\$ (196,853.31)	1.00%	
5	Mar-21	\$ (196,853.31)	(\$140.84)	\$ 55,688.23	\$ (141,305.92)	1.00%	
6	Apr-21	\$ (141,305.92)	(\$102.36)	\$ 36,945.55	\$ (104,462.73)	1.00%	
7	May-21	\$ (104,462.73)	(\$78.89)	\$ 19,587.87	\$ (84,953.75)	1.00%	
8	Jun-21	\$ (84,953.75)	(\$65.92)	\$ 11,705.45	\$ (73,314.22)	1.00%	
9	Jul-21	\$ (73,314.22)	(\$56.79)	\$ 10,330.70	\$ (63,040.31)	1.00%	1,327,853
10	Aug-21	\$ (63,040.31)	(\$49.27)	\$ 7,822.77	\$ (55,266.81)	1.00%	1,005,498
11	Sep-21	\$ (55,266.81)	(\$40.73)	\$ 12,787.20	\$ (42,520.34)	1.00%	1,643,599
12	Oct-21	\$ (42,520.34)	(\$20.48)	\$ 35,877.62	\$ (6,663.20)	1.00%	4,611,520

Non-Residential Natural Gas Rebate

Line No.	Date	Regulatory Liability Beginning Balance	Interest	Amortization	Regulatory Liability Beginning Balance	Interest Rate	July - October Forecast Usage
13	Nov-20	\$ (174,014.36)	(\$276.43)	\$ 16,306.83	\$ (157,983.96)	2.00%	
14	Dec-20	\$ (157,983.96)	(\$245.32)	\$ 21,580.24	\$ (136,649.04)	2.00%	
15	Jan-21	\$ (136,649.04)	(\$105.05)	\$ 21,174.84	\$ (115,579.25)	1.00%	
16	Feb-21	\$ (115,579.25)	(\$86.84)	\$ 22,748.23	\$ (92,917.86)	1.00%	
17	Mar-21	\$ (92,917.86)	(\$69.34)	\$ 19,411.54	\$ (73,575.66)	1.00%	
18	Apr-21	\$ (73,575.66)	(\$56.09)	\$ 12,538.93	\$ (61,092.82)	1.00%	
19	May-21	\$ (61,092.82)	(\$46.55)	\$ 10,469.13	\$ (50,670.24)	1.00%	
20	Jun-21	\$ (50,670.24)	(\$38.95)	\$ 7,855.06	\$ (42,854.13)	1.00%	
21	Jul-21	\$ (42,854.13)	(\$32.82)	\$ 6,936.14	\$ (35,950.81)	1.00%	1,015,540
22	Aug-21	\$ (35,950.81)	(\$26.69)	\$ 7,835.91	\$ (28,141.59)	1.00%	1,147,278
23	Sep-21	\$ (28,141.59)	(\$19.39)	\$ 9,737.38	\$ (18,423.60)	1.00%	1,425,678
24	Oct-21	\$ (18,423.60)	(\$8.06)	\$ 17,513.74	\$ (917.92)	1.00%	2,564,238

Avista Utilities
Fixed Cost Adjustment (FCA) 3% Test
2020 Idaho Natural Gas Deferrals

Line No.		Residential	Non-Residential	Total
1	Revenue From 2020 Normalized Loads and Customers at Present Billing Rates (Note 1)	\$53,303,547	\$12,355,491	\$65,659,038
2	November 2021 - October 2022 Usage	67,924,065	27,125,714	
3	Proposed FCA Recovery Rates	-\$0.00493	-\$0.00490	
4	Present FCA Recovery Rates (2)	\$0.00000	\$0.00000	
5	Incremental FCA Recovery Rates	-\$0.00493	-\$0.00490	
6	Incremental FCA Recovery	(\$334,866)	(\$132,916)	(\$467,782)
7	Incremental Surcharge %	-0.63%	-1.08%	
8	3% Test Adjustment (3)	\$0	\$0	\$0
9	3% Test Rate Adjustment	\$0.00000	\$0.00000	
10	Adjusted Proposed FCA Recovery Rates	-\$0.00493	-\$0.00490	
11	Adjusted Incremental FCA Recovery	(\$334,866)	(\$132,916)	(\$467,782)
12	Adjusted Incremental Surcharge %	-0.63%	-1.08%	

Notes

(1) Total 2020 weather normalized billing determinants priced at the billing rates effective since 11/01/2020.

(2) As stated on tariff Sheet 175C, the reversal of a rebate rate is not included in the 3% incremental surcharge test.

(3) Any carryover balances will differ from the 3% adjustment amounts due to the revenue related expense gross up partially offset by additional interest on the outstanding balance during the amortization period.

AVISTA UTILITIES
Revenue Conversion Factor
Idaho - Natural Gas System
TWELVE MONTHS ENDED DECEMBER 31, 2019

<u>Line No.</u>	<u>Description</u>	<u>Factor</u>	
1	Revenues	1.000000	1.000000
	Expense:		
2	Uncollectibles	0.002401	0.002401
3	Commission Fees	0.001953	0.001953
4	Idaho State Income Tax	0.046024	
5	Total Expense	<u>0.050378</u>	<u>0.004354</u>
6	Net Operating Income Before FIT	0.949622	0.995646
7	Federal Income Tax @ 21%	0.199421	
8	REVENUE CONVERSION FACTOR	<u>0.750201</u>	<u>0.995646</u>
9	Gross Up Factor		1.004373

From Case No. AVU-G-21-01 Final Stipulation and Settlement

Avista Utilities
 Idaho Jurisdiction
 2021 FCA Schedule 175 Filing
Natural Gas Service

Type of Service (a)	Schedule Number (b)	FCA Billing Determinants (c)	Present FCA Rate (d)	Present FCA Revenue (e)	Proposed FCA Increase (f)	Proposed FCA Revenue (g)	Proposed FCA Rate (h)	Incremental Rate Change (i)
General Service	101	67,924,065	\$ (0.00783)	\$ (531,845)	\$ 196,980	\$ (334,866)	\$ (0.00493)	\$ 0.0
Large General Service	111/112	27,125,714	\$ (0.00687)	\$ (186,354)	\$ 53,438	\$ (132,916)	\$ (0.00490)	\$ 0.0
Interruptible Service	131/132	0	\$ (0.00687)	\$ -	\$ -	\$ -	\$ (0.00490)	\$ 0.0
Excluded Schedules	146/147/159	N/A						
Total		95,049,778		\$ (718,199)	\$ 250,417	\$ (467,782)		
Non-Residential Group Subtotal		27,125,714		(186,354)	53,438	(132,916)		

Average Residential Bill	@63 th
Basic Charge	\$6.00
Per Therm	\$0.69026
Residential Bill at 1/1/2020 rates	\$
Proposed rate change	\$ 0.00290
Residential Bill at Proposed rates	\$
Proposed Percent Increase	