

July 29, 2022

NWN OPUC Advice No. 22-09 / UG 451  
(UM 1750)**VIA ELECTRONIC FILING**

Public Utility Commission of Oregon  
Attention: Filing Center  
201 High Street SE, Suite 100  
Post Office Box 1088  
Salem, Oregon 97308-1088

**Re: REQUEST FOR AMORTIZATION OF DEFERRED WARM ADJUSTMENTS EXCEEDING THE PROGRAM CAPS AND FLOORS, RELATING TO: UM 1750 - WARM Program**

Northwest Natural Gas Company, dba NW Natural (NW Natural or Company), files herewith revisions and additions to its Tariff, P.U.C. Or. 25,<sup>1</sup> stated to become effective with service on and after November 1, 2022, as follows:

Ninth Revision of Sheet 195-1	Schedule 195	Weather Adjusted Rate Mechanism (WARM Program)
-------------------------------	--------------	--

**Purpose**

The purpose of this filing is to request amortization of amounts deferred under docket UM 1750 for inclusion in rates effective November 1, 2022. The Company's previous filing revising rates for this purpose was effective November 1, 2021.

**Background**

This filing is in compliance with ORS 757.259, which authorizes deferred utility expenses or revenues to be allowed (amortized) in rates to the extent authorized by the Public Utility Commission of Oregon (Commission) in a proceeding to change rates. All of the deferrals included in this filing occurred with appropriate application by Commission authorization, as rate orders or under approved tariffs.

**Proposed Changes**

The effect of the application of the new temporary adjustments is to decrease the Company's annual revenues by \$2,093,905, or about 0.30%. In accordance with the Commission's order adopting the Parties' stipulation in UM 1750, the amounts will be recovered on an equal-cents-per-term basis to rate schedules 2 and 3 customers over 12 months.

---

<sup>1</sup> Tariff P.U.C. Or. 25 originated November 1, 2012 with Docket UG 221; OPUC Order No. 12-408 as supplemented by Order No. 12-437, and was filed pursuant to ORS 767.205 and OAR 860-022-0005.

The monthly bill of the average residential customer served under Rate Schedule 2 using 54 therms will decrease by \$0.17, and the monthly decrease for the average commercial Rate Schedule 3 customer using 242 therms per month is about \$1.14.

The proposed adjustments for the amortization of the WARM account are \$0.00101 per therm for residential Rate Schedule 2 customers and \$0.00226 per therm for commercial Rate Schedule 3 customers. A worksheet showing all of the rate adjustments can be found in Exhibit A to this filing.

In compliance with OAR 860-022-0025, the Company states that the number of customers affected by the proposed change is 631,884 residential customers and 58,963 commercial customers.

**Conclusion**

In support of this filing, the Company includes supporting materials as part of this filing and will separately submit work papers in electronic format, all of which are incorporated herein by reference.

In accordance with ORS 757.205, copies of this letter and the filing made herewith are available in the Company's main office in Oregon and on its website at [www.nwnatural.com](http://www.nwnatural.com).

Please address correspondence on this matter to Lora Bourdo at [lora.bourdo@nwnatural.com](mailto:lora.bourdo@nwnatural.com) with copies to the following:

eFiling  
Rates & Regulatory Affairs  
NW Natural  
250 SW Taylor Street  
Portland, Oregon 97204  
Fax: (503) 220-2579  
Telephone: (503) 610-7330  
[eFiling@nwnatural.com](mailto:eFiling@nwnatural.com)

Sincerely,

NW NATURAL

*/s/ Kyle Walker, CPA*

Kyle Walker, CPA  
Rates/Regulatory Manager

Attachment: Exhibit A – Supporting Materials

# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Ninth Revision of Sheet 195-1  
Cancels Eighth Revision of Sheet 195-1

---

## SCHEDULE 195 WEATHER ADJUSTED RATE MECHANISM (WARM Program)

### **PURPOSE:**

To describe the Weather Adjusted Rate Mechanism (WARM) adopted by the Public Utility Commission of Oregon in Docket UG 221, Order No. 12-408 entered October 26, 2012, as modified in Docket UM 1750 by Commission Order No. 16-223 entered June 20, 2016.

### **APPLICABLE:**

To Residential and Commercial Customers served on the following Rate Schedules of this Tariff:

Rate Schedule 2	Rate Schedule 3
-----------------	-----------------

### **APPLICATION TO RATE SCHEDULES:**

The WARM Adjustment will be applied as an adjustment to the per-therm Billing Rate on applicable Residential and Commercial Customer bills issued during the WARM Period. The WARM Period covers bills that are generated based on meters read on or after December 1<sup>st</sup> and on or before May 15<sup>th</sup>.

### **SPECIAL CONDITIONS:**

1. The WARM Adjustment will apply to Customer bills that are based on applicable Residential Rate Schedule 2 or Commercial Rate Schedule 3 meters read on or after December 1<sup>st</sup> and on or before May 15<sup>th</sup>.
2. Residential bills --The maximum WARM Adjustment (increase or decrease) that will be made to any regular monthly bill during the WARM Period will be twelve dollars (\$12.00), or twenty-five percent (25%) of the usage portion of that bill, whichever is less. For any billing period in which the total monthly WARM adjustment exceeds either \$12.00 or 25% of the usage, the balance of the WARM adjustment will be deferred in accordance with Special Condition 4.
3. Commercial bills--The maximum WARM Adjustment (increase or decrease) that will be added to any regular monthly bill during the WARM Period will be thirty-five dollars (\$35.00), or twenty-five percent (25%) of the usage portion of that bill, whichever is less. For any billing period in which the total monthly WARM adjustment exceeds either thirty-five dollars or 25% of the usage, the balance of the WARM adjustment will be deferred in accordance with Special Condition 4.
4. Any amounts not applied to a Residential or Commercial Customer's bill during the WARM Period due to the caps and floor described in Special Conditions 2 and 3 will be set aside in a respective Residential or Commercial WARM deferral account. Each year, concurrent with the Company's annual Purchased Gas Adjustment (PGA) filing, the balance in the Residential and Commercial WARM deferral accounts will be collected from or credited to all Rate Schedule 2 and Rate Schedule 3 customers, respectively, on an equal cent-per-therm basis. The adjustment included in the Temporary Adjustments reflected in the above-listed Rate Schedules effective November 1, 2022 are: (C)

Rate Schedule 2:	\$	0.00101	(R)
Rate Schedule 3:	\$	0.00226	(R)

(continue to Sheet 195-2)

Issued July 29, 2022  
NWN OPUC Advice No. 22-09

Effective with service on  
and after November 1, 2022

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON

NW NATURAL SUPPORTING MATERIALS

Non-Gas Cost Deferral Amortizations  
WARM

UM 1750

NWN OPUC Advice No. 22-09 / UG 451

July 29, 2022

# NW NATURAL

## EXHIBIT A

### Supporting Materials

#### Non-Gas Cost Deferral Amortizations

#### WARM

#### NWN OPUC ADVICE NO. 22-09 / UG 451

<b>Description</b>	<b>Page</b>
Calculation of Increments Allocated on Equal Cent per Therm Basis	1
Effects on Average Bill by Rate Schedule	2
Basis for Revenue Related Costs	3
PGA Effects on Revenue	4
Summary of Deferred Accounts Included in the PGA	5
186238 Deferral of WARM – Residential	6
186239 Amortization of WARM – Residential	7
186244 Deferral of WARM – Commercial	8
186245 Amortization of WARM – Commercial	9

NW Natural  
 Rates & Regulatory Affairs  
 2022-23 PGA - Oregon: August Filing  
 Calculation of Increments Allocated on the EQUAL CENT PER THERM BASIS  
 ALL VOLUMES IN THERMS

				WARM Residential			WARM Commercial			
				414,701 Temporary Increment			386,702 Temporary Increment			
				N/A rev sensitive factor is built in			N/A rev sensitive factor is built in			
				414,701 to residential			386,702 to commercial 3			
				Multiplier	Volumes	Increment	Multiplier	Volumes	Increment	
				AC	AD	AE	AF	AH	AI	
1										
2		Oregon PGA	Proposed Amount:							
3		Volumes page,	Revenue Sensitive Multiplier:							
4		Column F	Amount to Amortize:							
5										
6	Schedule	Block	A							
7	2R		409,287,364	1.0	409,287,364	\$0.00101	0.0	0	\$0.00000	
8	3C Firm Sales		171,250,577	0.0	0	\$0.00000	1.0	171,250,577	\$0.00226	
9	3I Firm Sales		5,092,877	0.0	0	\$0.00000	0.0	0	\$0.00000	
10	27 Dry Out		811,830	0.0	0	\$0.00000	0.0	0	\$0.00000	
11	31C Firm Sales	Block 1	11,608,522	0.0	0	\$0.00000	0.0	0	\$0.00000	
12		Block 2	10,586,596	0.0	0	\$0.00000	0.0	0	\$0.00000	
13	31C Firm Trans	Block 1	1,215,943	0.0	0	\$0.00000	0.0	0	\$0.00000	
14		Block 2	1,545,847	0.0	0	\$0.00000	0.0	0	\$0.00000	
15	31I Firm Sales	Block 1	3,772,100	0.0	0	\$0.00000	0.0	0	\$0.00000	
16		Block 2	8,523,056	0.0	0	\$0.00000	0.0	0	\$0.00000	
17	31I Firm Trans	Block 1	158,179	0.0	0	\$0.00000	0.0	0	\$0.00000	
18		Block 2	403,212	0.0	0	\$0.00000	0.0	0	\$0.00000	
19	32C Firm Sales	Block 1	33,100,659	0.0	0	\$0.00000	0.0	0	\$0.00000	
20		Block 2	9,332,944	0.0	0	\$0.00000	0.0	0	\$0.00000	
21		Block 3	1,672,358	0.0	0	\$0.00000	0.0	0	\$0.00000	
22		Block 4	450,700	0.0	0	\$0.00000	0.0	0	\$0.00000	
23		Block 5	0	0.0	0	\$0.00000	0.0	0	\$0.00000	
24		Block 6	0	0.0	0	\$0.00000	0.0	0	\$0.00000	
25	32I Firm Sales	Block 1	6,098,492	0.0	0	\$0.00000	0.0	0	\$0.00000	
26		Block 2	5,688,560	0.0	0	\$0.00000	0.0	0	\$0.00000	
27		Block 3	1,628,895	0.0	0	\$0.00000	0.0	0	\$0.00000	
28		Block 4	366,680	0.0	0	\$0.00000	0.0	0	\$0.00000	
29		Block 5	0	0.0	0	\$0.00000	0.0	0	\$0.00000	
30		Block 6	0	0.0	0	\$0.00000	0.0	0	\$0.00000	
31	32C Firm Trans	Block 1	2,620,992	0.0	0	\$0.00000	0.0	0	\$0.00000	
32		Block 2	2,162,687	0.0	0	\$0.00000	0.0	0	\$0.00000	
33		Block 3	750,954	0.0	0	\$0.00000	0.0	0	\$0.00000	
34		Block 4	1,043,887	0.0	0	\$0.00000	0.0	0	\$0.00000	
35		Block 5	4,474	0.0	0	\$0.00000	0.0	0	\$0.00000	
36		Block 6	0	0.0	0	\$0.00000	0.0	0	\$0.00000	
37	32I Firm Trans	Block 1	11,249,133	0.0	0	\$0.00000	0.0	0	\$0.00000	
38		Block 2	16,747,498	0.0	0	\$0.00000	0.0	0	\$0.00000	
39		Block 3	10,738,714	0.0	0	\$0.00000	0.0	0	\$0.00000	
40		Block 4	21,608,366	0.0	0	\$0.00000	0.0	0	\$0.00000	
41		Block 5	21,402,253	0.0	0	\$0.00000	0.0	0	\$0.00000	
42		Block 6	6,366,501	0.0	0	\$0.00000	0.0	0	\$0.00000	
43	32C Interr Sales	Block 1	4,833,799	0.0	0	\$0.00000	0.0	0	\$0.00000	
44		Block 2	7,156,901	0.0	0	\$0.00000	0.0	0	\$0.00000	
45		Block 3	4,186,957	0.0	0	\$0.00000	0.0	0	\$0.00000	
46		Block 4	6,103,469	0.0	0	\$0.00000	0.0	0	\$0.00000	
47		Block 5	3,305,561	0.0	0	\$0.00000	0.0	0	\$0.00000	
48		Block 6	0	0.0	0	\$0.00000	0.0	0	\$0.00000	
49	32I Interr Sales	Block 1	8,137,746	0.0	0	\$0.00000	0.0	0	\$0.00000	
50		Block 2	10,527,326	0.0	0	\$0.00000	0.0	0	\$0.00000	
51		Block 3	6,257,062	0.0	0	\$0.00000	0.0	0	\$0.00000	
52		Block 4	15,885,254	0.0	0	\$0.00000	0.0	0	\$0.00000	
53		Block 5	6,695,883	0.0	0	\$0.00000	0.0	0	\$0.00000	
54		Block 6	9,720,618	0.0	0	\$0.00000	0.0	0	\$0.00000	
55	32C Interr Trans	Block 1	829,989	0.0	0	\$0.00000	0.0	0	\$0.00000	
56		Block 2	1,633,924	0.0	0	\$0.00000	0.0	0	\$0.00000	
57		Block 3	962,812	0.0	0	\$0.00000	0.0	0	\$0.00000	
58		Block 4	3,077,817	0.0	0	\$0.00000	0.0	0	\$0.00000	
59		Block 5	520,526	0.0	0	\$0.00000	0.0	0	\$0.00000	
60		Block 6	0	0.0	0	\$0.00000	0.0	0	\$0.00000	
61	32I Interr Trans	Block 1	6,950,973	0.0	0	\$0.00000	0.0	0	\$0.00000	
62		Block 2	12,319,513	0.0	0	\$0.00000	0.0	0	\$0.00000	
63		Block 3	8,609,147	0.0	0	\$0.00000	0.0	0	\$0.00000	
64		Block 4	19,262,609	0.0	0	\$0.00000	0.0	0	\$0.00000	
65		Block 5	37,658,652	0.0	0	\$0.00000	0.0	0	\$0.00000	
66		Block 6	97,066,948	0.0	0	\$0.00000	0.0	0	\$0.00000	
67	33		0	0.0	0	\$0.00000	0.0	0	\$0.00000	
68										
69	TOTALS		1,048,994,335		409,287,364	\$ 0.00101		171,250,577	\$ 0.00226	
70	Sources for line 2 above:									
71	Inputs page				Line 59			Line 61		
72	Tariff Schedules									
73	Rate Adjustment Schedule				Sched 195			Sched 195		

71	Inputs page				Line 59			Line 61	
72	Tariff Schedules								
73	Rate Adjustment Schedule				Sched 195			Sched 195	



**NW Natural**  
**Rates and Regulatory Affairs**  
**2022-2023 PGA Filing - OREGON**  
**Basis for Revenue Related Costs**

	Twelve Months <u>Ended 06/30/22</u>	
1		
2		
3	Total Billed Gas Sales Revenues	\$ 760,119,061
4	Total Oregon Revenues	\$ 767,240,632
5		
6	Regulatory Commission Fees [1]	n/a <span style="float: right;">0.430% Statutory rate</span>
7	City License and Franchise Fees	\$ 17,575,166 <span style="float: right;">2.291% Line 7 ÷ Line 4</span>
8	Net Uncollectible Expense [2]	\$ 744,324 <span style="float: right;">0.097% Line 8 ÷ Line 4</span>
9		
10	Total	<u><u>2.818%</u></u> Sum lines 8-9
11		
12		

13 **Note:**

- 14 [1] Dollar figure is set at statutory level of 0.275% times Total Oregon Revenues (line 4).  
 15 Because the fee changed since our last general rate case, the difference between the previous fee of 0.375%  
 16 and the new fee of 0.430%, as it affects our base rates, is being captured as a temporary deferral.  
 17 [2] Represents the normalized net write-offs based on a three-year average.



**NW Natural**  
**Rates & Regulatory Affairs**  
**2022-2023 PGA Filing - Oregon: August Filing**  
**PGA Effects on Revenue**  
**UG 451: WARM**

	<b>Not Including Revenue Sensitive Amount</b>
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	

  

<b><u>Temporary Increments</u></b>	
<u>Removal of Current Temporary Increments</u>	
Amortization of WARM (Residential & Commercial)	<u>(2,895,308)</u>
<u>Addition of Proposed Temporary Increments</u>	
Amortization of WARM (Residential & Commercial)	<u>801,403</u>
<b>TOTAL OF ALL COMPONENTS OF RATE CHANGES</b>	<b><u><u>(\$2,093,905)</u></u></b>
2021 Oregon Earnings Test Normalized Total Revenues	\$707,222,790
Effect of this filing, as a percentage change (line 12 ÷ line 16)	-0.30%



Company: Northwest Natural Gas Company  
 State: Oregon  
 Description: OR Deferred WARM-Residential  
 Account Number: 186238  
 Docket UM 1798  
 Last authorization to defer granted in Order 21-345

1 Debit (Credit)

2

3

4	Month/Year	Note	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
6								
7	Beginning Balance							
67	Jun-21		144.81		2.24%	3,087.15	3,231.96	1,656,991.83
68	Jul-21		(78.18)		2.24%	3,092.98	3,014.80	1,660,006.63
69	Aug-21		(126.43)		2.24%	3,098.56	2,972.13	1,662,978.76
70	Sep-21		(88.27)		2.24%	3,104.14	3,015.87	1,665,994.63
71	Oct-21		(189.67)		2.24%	3,109.68	2,920.01	1,668,914.64
72	Nov-21	<b>1</b>	(41.84)	(1,669,399.34)	2.24%	(0.94)	(1,669,442.12)	(527.48)
73	Dec-21		450,527.81		2.24%	419.51	450,947.32	450,419.84
74	Jan-22		(5,310.91)		2.82%	1,052.25	(4,258.66)	446,161.18
75	Feb-22		(4,946.27)		2.82%	1,042.67	(3,903.60)	442,257.58
76	Mar-22		26,089.98		2.82%	1,069.96	27,159.94	469,417.52
77	Apr-22		41,757.96		2.82%	1,152.20	42,910.16	512,327.68
78	May-22		(116,813.72)		2.82%	1,066.71	(115,747.01)	396,580.67
79	Jun-22		(180.49)		2.82%	931.75	751.26	397,331.93
80	Jul-22				2.82%	933.73	933.73	398,265.66
81	Aug-22				2.82%	935.92	935.92	399,201.58
82	Sep-22				2.82%	938.12	938.12	400,139.70
83	Oct-22				2.82%	940.33	940.33	401,080.03

84

85 **History truncated for ease of viewing**

86

87 **NOTES**

88 **1** -Transferred June balance plus July-October interest on June balance to account 186239 for amortization.

Company: Northwest Natural Gas Company  
 State: Oregon  
 Description: Amort WARM Residential  
 Account Number: 186239  
 Dockets UM 1798 and UG 407  
 Amortization of 2020-21 WARM adjustment approved in Order 20-347

Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Beginning Balance						
44	Nov-20 Old rates	25,055.96		3.74%	(170.06)	24,885.90	(42,205.45)
45	Nov-20 New rates <b>(1)</b>	(29,700.13)	712,742.32	2.63%	1,529.55	684,571.74	642,366.29
46	Dec-20	(100,648.73)		2.63%	1,297.56	(99,351.17)	543,015.12
47	Jan-21	(103,603.77)		2.63%	1,076.58	(102,527.19)	440,487.93
48	Feb-21	(105,109.98)		2.63%	850.22	(104,259.76)	336,228.17
49	Mar-21	(91,312.14)		2.63%	636.84	(90,675.30)	245,552.87
50	Apr-21	(65,901.73)		2.63%	465.95	(65,435.78)	180,117.09
51	May-21	(33,948.67)		2.63%	357.55	(33,591.12)	146,525.97
52	Jun-21	(24,635.05)		2.63%	294.14	(24,340.91)	122,185.06
53	Jul-21	(14,307.55)		2.63%	252.11	(14,055.44)	108,129.62
54	Aug-21	(12,578.06)		2.63%	223.20	(12,354.86)	95,774.76
55	Sep-21	(14,489.08)		2.63%	194.03	(14,295.05)	81,479.71
56	Oct-21	(29,979.67)		2.63%	145.72	(29,833.95)	51,645.76
57	Nov-21 Old rates	(29,842.38)		2.63%	80.49	(29,761.89)	21,883.87
58	Nov-21 New rates <b>(1)</b>	(61,299.79)	1,669,399.34	1.24%	1,693.37	1,609,792.92	1,631,676.79
59	Dec-21	(224,453.18)		1.24%	1,570.10	(222,883.08)	1,408,793.71
60	Jan-22	(319,113.59)		1.24%	1,290.88	(317,822.71)	1,090,971.00
61	Feb-22	(259,622.01)		1.24%	993.20	(258,628.81)	832,342.19
62	Mar-22	(214,399.77)		1.24%	749.31	(213,650.46)	618,691.73
63	Apr-22	(165,564.46)		1.24%	553.77	(165,010.69)	453,681.04
64	May-22	(139,332.57)		1.24%	396.82	(138,935.75)	314,745.29
65	Jun-22	(78,085.73)		1.24%	284.89	(77,800.84)	236,944.45
66	Jul-22 <i>Forecast</i>	(38,171.83)		1.24%	225.12	(37,946.71)	198,997.74
67	Aug-22 <i>Forecast</i>	(38,054.05)		1.24%	185.97	(37,868.08)	161,129.66
68	Sep-22 <i>Forecast</i>	(41,911.95)		1.24%	144.85	(41,767.10)	119,362.56
69	Oct-22 <i>Forecast</i>	(109,866.85)		1.24%	66.58	(109,800.27)	9,562.29

70  
 71  
 72 **History truncated for ease of viewing**

73  
 74 **NOTES**

75 **1** - Transferred in authorized balance from account 186238 WARM-Res Deferral for amortization.

Company: Northwest Natural Gas Company  
 State: Oregon  
 Description: OR Deferred WARM-Commercial  
 Account Number: 186244  
 Other Info: Docket UM 1798  
 Last authorization to defer granted in Order 21-345

1 Debit (Credit)

2  
3

4	Month/Year	Note	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
6								
7	Beginning Balance							
67	Jun-21		(244.63)		2.24%	2,104.28	1,859.65	1,129,274.94
68	Jul-21		(150.03)		2.24%	2,107.84	1,957.81	1,131,232.75
69	Aug-21		(6.36)		2.24%	2,111.63	2,105.27	1,133,338.02
70	Sep-21		(40.10)		2.24%	2,115.53	2,075.43	1,135,413.45
71	Oct-21		12.53		2.24%	2,119.45	2,131.98	1,137,545.43
72	Nov-21	<b>1</b>	72.13	(1,137,730.50)	2.24%	(0.28)	(1,137,658.65)	(113.22)
73	Dec-21		502,585.48		2.24%	468.87	503,054.35	502,941.13
74	Jan-22		(24.77)		2.82%	1,181.88	1,157.11	504,098.24
75	Feb-22		(6,726.40)		2.82%	1,176.73	(5,549.67)	498,548.57
76	Mar-22		30,112.38		2.82%	1,206.97	31,319.35	529,867.92
77	Apr-22		53,766.29		2.82%	1,308.37	55,074.66	584,942.58
78	May-22		(139,660.22)		2.82%	1,210.51	(138,449.71)	446,492.87
79	Jun-22		14.81		2.82%	1,049.28	1,064.09	447,556.96
80	Jul-22				2.82%	1,051.76	1,051.76	448,608.72
81	Aug-22				2.82%	1,054.23	1,054.23	449,662.95
82	Sep-22				2.82%	1,056.71	1,056.71	450,719.66
83	Oct-22				2.82%	1,059.19	1,059.19	451,778.85

84

85 **History truncated for ease of viewing**

86

87 **1** -Transferred June balance plus July-October interest on June balance to account 186239 for amortization.

Company: Northwest Natural Gas Company  
 State: Oregon  
 Description: Amort WARM Commercial  
 Account Number: 186245  
 Dockets UM 1798 and UG 407  
 Amortization of 2020-21 WARM adjustment approved in Order 20-347

	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Beginning Balance							
52	Jun-21		(31,802.28)		2.63%	373.07	(31,429.21)	154,693.40
53	Jul-21		(22,444.30)		2.63%	314.44	(22,129.86)	132,563.54
54	Aug-21		(21,014.81)		2.63%	267.51	(20,747.30)	111,816.24
55	Sep-21		(23,153.20)		2.63%	219.69	(22,933.51)	88,882.73
56	Oct-21		(35,175.59)		2.63%	156.25	(35,019.34)	53,863.39
57	Nov-21	Old rates	(33,846.11)		2.63%	80.96	(33,765.15)	20,098.24
58	Nov-21	New rates <b>(1)</b>	(38,152.39)	1,137,730.50	1.24%	1,155.94	1,100,734.05	1,120,832.29
59	Dec-21		(149,841.61)		1.24%	1,080.78	(148,760.83)	972,071.46
60	Jan-22		(222,566.93)		1.24%	889.48	(221,677.45)	750,394.01
61	Feb-22		(184,800.12)		1.24%	679.93	(184,120.19)	566,273.82
62	Mar-22		(157,116.89)		1.24%	503.97	(156,612.92)	409,660.90
63	Apr-22		(117,978.07)		1.24%	362.36	(117,615.71)	292,045.19
64	May-22		(103,603.76)		1.24%	248.25	(103,355.51)	188,689.68
65	Jun-22		(64,224.05)		1.24%	161.80	(64,062.25)	124,627.43
66	Jul-22	Forecast	(38,385.83)		1.24%	108.95	(38,276.88)	86,350.55
67	Aug-22	Forecast	(38,339.75)		1.24%	69.42	(38,270.33)	48,080.22
68	Sep-22	Forecast	(39,474.99)		1.24%	29.29	(39,445.70)	8,634.52
69	Oct-22	Forecast	(77,465.13)		1.24%	(31.10)	(77,496.23)	(68,861.71)

70

71 **History truncated for ease of viewing**

72

73 **Notes:**

74 **1** - Transferred in authorized balance from account 186244 WARM-Comm Deferral for amortization.