

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND	)	
TRANSPORTATION COMMISSION	)	DOCKET UG-200568
	)	
Complainant,	)	
	)	
v.	)	
	)	
CASCADE NATURAL GAS	)	
CORPORATION	)	
	)	
Respondent.	)	
_____	)	

**EXH. BGM-4**  
*Responses to Data Requests*  
**To**  
**RESPONSE TESTIMONY OF BRADLEY G. MULLINS ON**  
**BEHALF OF**  
**THE NORTHWEST INDUSTRIAL GAS USERS**

**November 19, 2020**

*Washington Utilities and Transportation Commission*  
v.  
*Cascade Natural Gas Corporation*  
**Public Counsel Data Request**  
**UG-200568**

**Request No. 5**

Date prepared: 9/10/2020

Preparer: Chris Ryan

Contact: Pamela Archer

Telephone: 509-734-4591

**AWEC DR 1 TO CASCADE:**

**Results of Operations**

Please provide transaction level detail supporting Cascade's test period results of operations for each FERC account identified on tab "Operating Report" in workpaper MCP-1.1.

**Response:**

See attached Excel spreadsheet AWEC-5.xlsx

*Washington Utilities and Transportation Commission*  
**v.**  
*Cascade Natural Gas Corporation*  
**Public Counsel Data Request**  
**UG-200568**

**Request No. 6**

Date prepared: September 17, 2020

Preparer: Kim Ukestad

Contact: Pamela Archer

Telephone: 509-734-4591

**AWEC DR 1 TO CASCADE:**

**Results of Operations**

Please provide gross plant in service and depreciation reserves by FERC account as of 12/31/2017, 12/31/2018 and 12/31/2019.

**Response:**

Please see AWEC-6 Excel file for Cascade's Washington-allocated gross plant in service and depreciation reserves by FERC account for the requested periods.

Plant Balances - Washington

	12/31/2017	12/31/2018	12/31/2019
<b>00047-Cascade Natural Gas Co.</b>			
<b>Gas Distribution</b>			
374-G-Land	339,847.44	339,667.13	388,301.95
374-G-Land and Land Rights	1,922,322.92	1,922,322.92	1,922,322.92
375-G-Lease Hold Improvements	-	-	-
375-G-Structures & Improvements	997,439.52	1,001,715.75	1,019,863.14
376-G-Mains-High Pressure Steel	136,068,414.11	152,081,117.32	159,069,534.16
376-G-Mains-Plastic	119,678,899.43	136,092,339.77	151,836,907.29
376-G-Mains-Steel	117,243,284.65	116,563,175.39	118,986,847.07
377-G-Compressor Station	2,097,766.77	2,097,766.77	2,097,766.77
378-G-Measure/Regulation	21,406,992.55	22,436,101.88	25,599,862.80
380-G-Services-Plastc	114,658,564.25	130,923,599.20	146,616,703.04
380-G-Services-Steel	62,407,577.52	62,228,709.44	62,126,401.86
381-G-ERT Units	1,946,859.97	12,679,219.66	16,022,598.87
381-G-Meters	41,339,744.72	35,754,537.40	32,273,846.38
382-G-Meter Set Installation	23,758,103.93	23,995,708.36	24,129,820.09
383-G-Service Regulators	7,981,701.71	8,313,408.11	8,559,185.14
385-G-Industrial Meas. & Reg Stn Eq	8,652,953.78	9,441,928.31	9,718,288.60
386-G-CNG Refueling Stations	-	-	-
<b>Gas Distribution Total</b>	<b>660,500,473.27</b>	<b>715,871,317.41</b>	<b>760,368,250.08</b>
<b>Gas General</b>			
389-G-Land & Land Rights	2,736,485.74	2,734,671.78	3,267,535.24
390-G-Leasehold Improvement	7,933.28	7,933.28	7,933.28
390-G-Structures & Improvements	13,693,923.63	14,005,234.79	16,960,355.69
391-G-Comp Equip-Server & Workstati	1,992,987.95	2,342,417.64	2,626,882.30
391-G-Office Equipment	218,915.97	220,821.03	233,771.36
391-G-Office Furniture & Fixtures	1,377,079.76	1,403,506.54	1,410,564.77
391-G-Software	2,247,004.97	2,241,315.59	2,250,897.70
392-G-Trailers	245,105.51	214,571.87	209,355.96
392-G-Transportation Equipment	12,084,663.81	12,656,702.77	13,232,526.48
393-G-Stores Equipment	56,170.40	56,088.53	63,199.69
394-G-Tools,Shop,Garage Equip	5,571,784.90	6,703,761.25	7,034,460.81
394-G-Vehicle CNG Equipment	131,231.02	131,231.02	131,231.02
395-G-Laboratory Equipment	101,976.71	97,114.51	68,747.38
396-G-Power Operated Equipment	2,006,627.57	3,167,571.07	2,028,370.86
396-G-Trailers-Work Equipment	634,747.88	621,602.63	553,326.53
397-G-Radio Comm Equip-Fixed	194,717.30	194,717.30	194,717.30
397-G-Radio Comm Equip-Mobile	928,296.14	939,930.59	939,552.67
397-G-Supervisory & Telemeter Equip	3,763,765.17	3,767,817.00	4,114,182.71
397-G-Telephone & Telex Equip	422,244.91	422,708.83	422,419.50
398-G-Miscellaneous Equipment	57,622.90	58,798.50	58,988.85
<b>Gas General Total</b>	<b>48,473,285.52</b>	<b>51,988,516.52</b>	<b>55,809,020.10</b>
<b>Gas Intangible</b>			
301-G-Organization	114,110.39	113,821.46	114,308.07
302-G-Franchises	138,157.95	138,157.95	138,157.95
303-G-Misc. Intangible Plant	30,995,608.09	31,765,670.21	33,240,966.09
<b>Gas Intangible Total</b>	<b>31,247,876.43</b>	<b>32,017,649.62</b>	<b>33,493,432.11</b>
<b>Gas Transmission</b>			
365-G-Land and Land Rights	211,404.97	211,404.97	211,404.97
365-G-Rights-of-Way	1,018,396.75	1,018,396.75	1,018,396.75
367-G-Mains	16,041,097.78	15,968,181.91	15,900,055.62
369-G-Measuring/Regulating Equipmen	156,138.81	144,661.10	144,661.10
<b>Gas Transmission Total</b>	<b>17,427,038.31</b>	<b>17,342,644.73</b>	<b>17,274,518.44</b>
<b>Total</b>	<b>757,648,673.53</b>	<b>817,220,128.28</b>	<b>866,945,220.73</b>

Reserve Balances - Washington

	12/31/2017	12/31/2018	12/31/2019
<b>00047-Cascade Natural Gas Co.</b>			
<b>Gas Distribution</b>			
374-G-Land	528.89	183.54	613.48
374-G-Land and Land Rights	676,100.75	712,240.43	748,380.11
375-G-Lease Hold Improvements	-	-	-
375-G-Structures & Improvements	977,640.68	985,429.44	994,463.94
376-G-Mains-High Pressure Steel	34,970,523.20	35,767,901.09	37,410,983.57
376-G-Mains-Plastic	33,318,802.85	38,451,996.72	44,242,872.24
376-G-Mains-Steel	81,647,576.74	82,978,755.94	85,235,842.78
377-G-Compressor Station	1,426,506.66	1,463,846.94	1,501,187.22
378-G-Measure/Regulation	5,942,187.90	5,987,789.96	6,268,204.36
380-G-Services-Plastic	45,193,055.82	49,663,854.89	54,842,146.78
380-G-Services-Steel	92,600,795.69	93,345,534.50	94,458,601.31
381-G-ERT Units	180,323.63	(3,622,287.54)	(5,636,416.52)
381-G-Meters	13,039,594.37	10,090,472.96	8,416,223.05
382-G-Meter Set Installation	10,835,425.78	11,207,165.00	11,609,933.00
383-G-Service Regulators	2,688,360.61	2,843,850.83	2,742,270.12
385-G-Industrial Meas. & Reg Stn Eq	3,790,503.10	3,952,589.04	4,089,802.52
386-G-CNG Refueling Stations	(305.76)	(305.76)	-
<b>Gas Distribution Total</b>	<b>327,287,620.91</b>	<b>333,829,017.98</b>	<b>346,925,107.96</b>
<b>Gas General</b>			
389-G-Land & Land Rights	522,997.95	521,673.73	523,901.68
390-G-Leasehold Improvement	4,703.88	4,703.88	4,703.88
390-G-Structures & Improvements	9,099,818.09	8,948,406.99	9,151,287.77
391-G-Comp Equip-Server & Workstati	480,985.08	804,009.10	1,193,475.90
391-G-Office Equipment	(140,249.39)	(105,657.10)	(67,116.43)
391-G-Office Furniture & Fixtures	101,880.94	168,748.09	239,063.59
391-G-Software	2,248,107.27	2,242,415.10	2,251,983.21
392-G-Trailers	119,302.21	102,095.11	104,092.17
392-G-Transportation Equipment	4,151,463.20	4,257,260.39	4,019,005.17
393-G-Stores Equipment	22,453.24	25,417.85	28,510.47
394-G-Tools,Shop,Garage Equip	1,653,676.09	1,748,616.70	1,924,990.61
394-G-Vehicle CNG Equipment	117,873.78	120,288.42	122,703.06
395-G-Laboratory Equipment	54,074.52	53,832.36	28,803.90
396-G-Power Operated Equipment	(196,569.80)	(445,485.78)	(1,043,891.93)
396-G-Trailers-Work Equipment	170,753.48	170,052.32	160,860.81
397-G-Radio Comm Equip-Fixed	113,310.54	122,189.70	131,068.86
397-G-Radio Comm Equip-Mobile	201,071.76	288,336.14	376,409.37
397-G-Supervisory & Telemeter Equip	2,978,286.02	2,981,924.47	2,988,943.08
397-G-Telephone & Telex Equip	154,916.08	193,758.83	232,444.91
398-G-Miscellaneous Equipment	7,061.56	13,117.11	19,374.54
<b>Gas General Total</b>	<b>21,865,916.50</b>	<b>22,215,703.41</b>	<b>22,390,614.62</b>
<b>Gas Intangible</b>			
301-G-Organization	-	-	-
302-G-Franchises	138,157.97	138,157.97	138,157.95
303-G-Misc. Intangible Plant	10,380,159.02	12,939,654.12	15,475,935.00
<b>Gas Intangible Total</b>	<b>10,518,316.99</b>	<b>13,077,812.09</b>	<b>15,614,092.95</b>
<b>Gas Transmission</b>			
365-G-Land and Land Rights	-	-	-
365-G-Rights-of-Way	776,923.20	793,013.88	809,104.56
367-G-Mains	11,025,956.59	11,139,694.51	11,325,653.23
369-G-Measuring/Regulating Equipmen	165,400.53	154,547.26	155,140.42
<b>Gas Transmission Total</b>	<b>11,968,280.32</b>	<b>12,087,255.65</b>	<b>12,289,898.21</b>
<b>Total</b>	<b>371,640,134.72</b>	<b>381,209,789.13</b>	<b>397,219,713.74</b>

*Washington Utilities and Transportation Commission*  
v.  
*Cascade Natural Gas Corporation*  
**Public Counsel Data Request**  
**UG-200568**

**Request No. 10**

Date prepared: September 17, 2020

Preparer: Kim Ukestad

Contact: Pamela Archer

Telephone: 509-734-4591

**AWEC DR 1 TO CASCADE:**

**Plant Retirements**

Please provide Cascade's plant retirements by FERC account over the period 2017 through 2019. Please detail the amounts on a total-company and Washington-allocated basis.

**Response:**

Please see AWEC-10 Excel file for Cascade's total-company and Washington-allocated plant retirements by FERC account for the years 2017, 2018 and 2019.

**Retirements 2017-2019**

<b>FERC</b>	<b>Washington</b>	<b>Total Cascade</b>
<b>12/2017</b>		
301-G-Organization	-	-
302-G-Franchises	-	-
303-G-Misc. Intangible Plant	-	-
365-G-Land and Land Rights	-	-
365-G-Rights-of-Way	-	-
367-G-Mains	-	-
369-G-Measuring/Regulating Equipmen	-	-
374-G-Land	-	-
374-G-Land and Land Rights	-	-
375-G-Lease Hold Improvements	-	-
375-G-Structures & Improvements	(4,282.64)	(4,282.64)
376-G-Mains-High Pressure Steel	(18,445.51)	(18,445.51)
376-G-Mains-Plastic	(32,190.34)	(33,427.42)
376-G-Mains-Steel	(36,282.62)	(83,109.87)
377-G-Compressor Station	-	-
378-G-Measure/Regulation	(123,311.36)	(123,311.36)
380-G-Services-Plastc	(69,234.78)	(87,482.28)
380-G-Services-Steel	(124,700.35)	(150,599.55)
381-G-ERT Units	-	-
381-G-Meters	(778,348.08)	(1,042,244.35)
382-G-Meter Set Installation	(5,953.75)	(6,086.02)
383-G-Service Regulators	(265,681.29)	(355,759.64)
385-G-Industrial Meas. & Reg Stn Eq	(13,478.01)	(14,835.95)
386-G-CNG Refueling Stations	-	-
389-G-Land & Land Rights	-	-
390-G-Leasehold Improvement	-	-
390-G-Structures & Improvements	-	-
391-G-Comp Equip-Server & Workstati	-	-
391-G-Office Equipment	-	-
391-G-Office Furniture & Fixtures	-	-
391-G-Software	-	-
392-G-Trailers	(4,934.79)	(29,026.26)
392-G-Transportation Equipment	(568,879.72)	(684,469.02)
393-G-Stores Equipment	-	-
394-G-Tools,Shop,Garage Equip	(67,025.74)	(78,620.90)
394-G-Vehicle CNG Equipment	-	-
395-G-Laboratory Equipment	-	-
396-G-Power Operated Equipment	(594,151.99)	(1,232,439.61)
396-G-Trailers-Work Equipment	-	(11,611.50)
397-G-Radio Comm Equip-Fixed	-	-
397-G-Radio Comm Equip-Mobile	(20,827.35)	(20,827.35)
397-G-Supervisory & Telemeter Equip	-	-
397-G-Telephone & Telex Equip	(204,489.89)	(241,961.01)
398-G-Miscellaneous Equipment	-	-
<b>12/2017 Total</b>	<b>(2,932,218.21)</b>	<b>(4,218,540.24)</b>

**12/2018**

301-G-Organization	-	-
302-G-Franchises	-	-
303-G-Misc. Intangible Plant	-	-
365-G-Land and Land Rights	-	-
365-G-Rights-of-Way	-	-
367-G-Mains	(72,915.87)	(72,915.87)
369-G-Measuring/Regulating Equipmen	(11,477.71)	(11,477.71)
374-G-Land	-	-
374-G-Land and Land Rights	-	-
375-G-Lease Hold Improvements	-	-
375-G-Structures & Improvements	-	-
376-G-Mains-High Pressure Steel	(744,046.74)	(892,670.30)
376-G-Mains-Plastic	(38,109.32)	(68,476.03)
376-G-Mains-Steel	(585,508.92)	(819,495.89)
377-G-Compressor Station	-	-
378-G-Measure/Regulation	(98,271.63)	(119,157.13)
380-G-Services-Plastc	(160,511.01)	(227,748.69)
380-G-Services-Steel	(274,542.85)	(369,372.42)
381-G-ERT Units	(5,914,573.71)	(7,940,090.89)
381-G-Meters	(2,001,743.13)	(2,687,264.24)
382-G-Meter Set Installation	(13,207.72)	(19,470.70)
383-G-Service Regulators	(338,096.54)	(453,881.81)
385-G-Industrial Meas. & Reg Stn Eq	(75,463.69)	(81,439.31)
386-G-CNG Refueling Stations	-	-
389-G-Land & Land Rights	-	-
390-G-Leasehold Improvement	-	-
390-G-Structures & Improvements	(122,913.86)	(122,913.86)
391-G-Comp Equip-Server & Workstati	-	-
391-G-Office Equipment	(3,787.00)	(8,026.00)
391-G-Office Furniture & Fixtures	(1,623.00)	(1,623.00)
391-G-Software	-	-
392-G-Trailers	(30,441.69)	(40,670.26)
392-G-Transportation Equipment	(837,936.18)	(1,183,340.94)
393-G-Stores Equipment	-	-
394-G-Tools,Shop,Garage Equip	(120,520.83)	(152,557.35)
394-G-Vehicle CNG Equipment	-	-
395-G-Laboratory Equipment	(4,678.13)	(6,250.01)
396-G-Power Operated Equipment	(1,618,968.53)	(2,361,292.12)
396-G-Trailers-Work Equipment	(41,612.52)	(48,352.36)
397-G-Radio Comm Equip-Fixed	-	-
397-G-Radio Comm Equip-Mobile	-	-
397-G-Supervisory & Telemeter Equip	-	-
397-G-Telephone & Telex Equip	-	-
398-G-Miscellaneous Equipment	-	-
<b>12/2018 Total</b>	<b>(13,110,950.58)</b>	<b>(17,688,486.89)</b>

**12/2019**

301-G-Organization	-	-
302-G-Franchises	-	-
303-G-Misc. Intangible Plant	(84,622.78)	(112,575.20)
365-G-Land and Land Rights	-	-
365-G-Rights-of-Way	-	-
367-G-Mains	(68,126.29)	(68,126.29)
369-G-Measuring/Regulating Equipmen	-	-
374-G-Land	(8,900.00)	(8,900.00)
374-G-Land and Land Rights	-	-
375-G-Lease Hold Improvements	-	-
375-G-Structures & Improvements	(3,216.82)	(4,279.39)
376-G-Mains-High Pressure Steel	(215,174.49)	(300,701.18)
376-G-Mains-Plastic	(32,273.07)	(35,862.80)
376-G-Mains-Steel	(119,936.69)	(124,295.30)
377-G-Compressor Station	-	-
378-G-Measure/Regulation	(111,244.86)	(185,671.60)
380-G-Services-Plastc	(62,149.88)	(85,213.49)
380-G-Services-Steel	(108,710.57)	(138,909.80)
381-G-ERT Units	(4,511,134.24)	(6,071,513.13)
381-G-Meters	(986,833.64)	(1,328,174.48)
382-G-Meter Set Installation	(22,462.61)	(27,453.21)
383-G-Service Regulators	(288,471.95)	(388,252.97)
385-G-Industrial Meas. & Reg Stn Eq	(64,583.70)	(101,505.65)
386-G-CNG Refueling Stations	-	-
389-G-Land & Land Rights	-	-
389-N-Land & Land Rights	-	-
390-G-Leasehold Improvement	-	-
390-G-Structures & Improvements	(10,642.02)	(10,642.02)
391-G-Comp Equip-Server & Workstati	-	-
391-G-Office Equipment	-	-
391-G-Office Furniture & Fixtures	-	-
391-G-Software	-	-
392-G-Trailers	(5,240.63)	(43,380.08)
392-G-Transportation Equipment	(1,327,902.25)	(1,438,472.17)
393-G-Stores Equipment	-	-
394-G-Tools,Shop,Garage Equip	(68,840.68)	(90,786.24)
394-G-Vehicle CNG Equipment	-	-
395-G-Laboratory Equipment	(28,657.15)	(30,186.25)
396-G-Power Operated Equipment	(3,252,187.70)	(4,025,792.58)
396-G-Trailers-Work Equipment	(68,276.10)	(68,276.10)
397-G-Radio Comm Equip-Fixed	-	-
397-G-Radio Comm Equip-Mobile	-	-
397-G-Supervisory & Telemeter Equip	-	-
397-G-Telephone & Telex Equip	-	-
398-G-Miscellaneous Equipment	-	-
<b>12/2019 Total</b>	<b>(11,449,588.12)</b>	<b>(14,688,969.93)</b>
<b>Grand Total</b>	<b>(27,492,756.91)</b>	<b>(36,595,997.06)</b>

*Washington Utilities and Transportation Commission*  
v.  
*Cascade Natural Gas Corporation*  
**Public Counsel Data Request**  
**UG-200568**

**Request No. 15**

Date prepared: 9/15/20

Preparer: Tony Durado

Contact: Pamela Archer

Telephone: 509-734-4591

**AWEC DR 1 TO CASCADE:**

**Income Taxes**

Please provide copies of MDU Resources, Inc.'s Federal form 1120, including all supporting whitepaper, for calendar years 2015, 2016 and 2018, and 2019 (when available).

**Response:**

See Attached: AWEC-15 – 2015 MDUR Return.pdf  
AWEC-15 – 2016 MDUR Return.pdf  
AWEC-15 – 2017 MDUR Return.pdf  
AWEC-16 – 2018 MDUR Return.pdf

Carryovers to Next Year  
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Renewable electricity production credit (Form 8835, Part II) .....	15,241,260.
Minimum tax credit (Form 8827) .....	13,040,453.

Form **8453-C**

**U.S. Corporation Income Tax Declaration  
for an IRS e-file Return**

OMB No. 1545-0123

Department of the Treasury  
Internal Revenue Service

▶ File electronically with the corporation's tax return. Do not file paper copies.  
▶ Go to [www.irs.gov/Form8453C](http://www.irs.gov/Form8453C) for the latest information.  
For calendar year 2018, or tax year beginning , ending

**2018**

Name of corporation **MDU RESOURCES GROUP, INC.  
AND SUBSIDIARIES** Employer identification number **41-0423660**

**Part I Tax Return Information (Whole dollars only)**

1	Total income (Form 1120, line 11) . . . . .	1	1,036,771,536.
2	Taxable income (Form 1120, line 30) . . . . .	2	138,280,637.
3	Total tax (Form 1120, line 31) . . . . .	3	
4	Amount owed (Form 1120, line 35) . . . . .	4	
5	Overpayment (Form 1120, line 36) . . . . .	5	13,154,052.

**Part II Declaration of Officer (see instructions) Be sure to keep a copy of the corporation's tax return.**

- 6a  I consent that the corporation's refund be directly deposited as designated on the Form 8050, Direct Deposit of Corporate Tax Refund, that will be electronically transmitted with the corporation's 2018 federal income tax return.
- b  I do not want direct deposit of the corporation's refund or the corporation is not receiving a refund.
- c  I authorize the U.S. Treasury and its designated Financial Agent to initiate an electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the corporation's federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment.

If the corporation is filing a balance due return, I understand that if the IRS does not receive full and timely payment of its tax liability, the corporation will remain liable for the tax liability and all applicable interest and penalties.

Under penalties of perjury, I declare that I am an officer of the above corporation and that the information I have given my electronic return originator (ERO), transmitter, and/or intermediate service provider (ISP) and the amounts in Part I above agree with the amounts on the corresponding lines of the corporation's 2018 federal income tax return. To the best of my knowledge and belief, the corporation's return is true, correct, and complete. I consent to my ERO, transmitter, and/or ISP sending the corporation's return, this declaration, and accompanying schedules and statements to the IRS. I also consent to the IRS sending my ERO, transmitter, and/or ISP an acknowledgment of receipt of transmission and an indication of whether or not the corporation's return is accepted, and, if rejected, the reason(s) for the rejection. If the processing of the corporation's return or refund is delayed, I authorize the IRS to disclose to my ERO, transmitter, and/or ISP the reason(s) for the delay, or when the refund was sent.

Sign Here

*Stephanie Barth*  
Signature of officer

10/01/2019  
Date

VICE PRESIDENT & CAO  
Title

**Part III Declaration of Electronic Return Originator (ERO) and Paid Preparer (see instructions)**

I declare that I have reviewed the above corporation's return and that the entries on Form 8453-C are complete and correct to the best of my knowledge. If I am only a collector, I am not responsible for reviewing the return and only declare that this form accurately reflects the data on the return. The corporate officer will have signed this form before I submit the return. I will give the officer a copy of all forms and information to be filed with the IRS, and have followed all other requirements in Pub. 3112, IRS e-file Application and Participation, and Pub. 4163, Modernized e-File (MeF) Information for Authorized IRS e-file Providers for Business Returns. If I am also the Paid Preparer, under penalties of perjury, I declare that I have examined the above corporation's return and accompanying schedules and statements, and to the best of my knowledge and belief, they are true, correct, and complete. This Paid Preparer declaration is based on all information of which I have any knowledge.

<b>ERO's Use Only</b>	ERO's signature ▶	Date	Check if also paid preparer <input type="checkbox"/>	Check if self-employed <input type="checkbox"/>	ERO's SSN or PTIN
	Firm's name (or yours if self-employed), address, and ZIP code ▶				EIN Phone no.

Under penalties of perjury, I declare that I have examined the above corporation's return and accompanying schedules and statements, and to the best of my knowledge and belief, they are true, correct, and complete. This declaration is based on all information of which I have any knowledge.

<b>Paid Preparer Use Only</b>	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	Firm's name ▶				Firm's EIN ▶
	Firm's address ▶				Phone no.

For Privacy Act and Paperwork Reduction Act Notice, see instructions.

Form **8453-C** (2018)

Form **1120**  
 Department of the Treasury  
 Internal Revenue Service

**U.S. Corporation Income Tax Return**  
 For calendar year 2018 or tax year beginning \_\_\_\_\_, ending \_\_\_\_\_  
 ▶ Go to [www.irs.gov/Form1120](http://www.irs.gov/Form1120) for instructions and the latest information.

**2018**

<b>A Check if:</b> 1a Consolidated return (attach Form 851) <input checked="" type="checkbox"/> b Life/nonlife consolidated return <input type="checkbox"/> 2 Personal holding co. (attach Sch. PH) <input type="checkbox"/> 3 Personal service corp. (see instructions) <input type="checkbox"/> 4 Schedule M-3 attached <input checked="" type="checkbox"/>	<b>TYPE OR PRINT</b>	Name <b>MDU RESOURCES GROUP, INC.                  AND SUBSIDIARIES</b> Number, street, and room or suite no. If a P.O. box, see instructions. <b>P O BOX 5650</b> City or town, state, or province, country, and ZIP or foreign postal code <b>BISMARCK, ND 58506-5650</b>	<b>B Employer identification number</b> <b>41-0423660</b> <b>C Date incorporated</b> <b>03/14/1924</b> <b>D Total assets (see instructions)</b> <b>\$ 6,988,110,162.</b>
<b>E Check if:</b> (1) <input type="checkbox"/> Initial return (2) <input checked="" type="checkbox"/> Final return (3) <input type="checkbox"/> Name change (4) <input type="checkbox"/> Address change <input type="checkbox"/>			

<b>Income</b>	<b>1 a</b>	Gross receipts or sales	<b>1 a</b>	4,863,575,514.
	<b>b</b>	Returns and allowances	<b>1 b</b>	7,879.
	<b>c</b>	Balance. Subtract line 1b from line 1a	<b>1 c</b>	4,863,567,635.
	<b>2</b>	Cost of goods sold (attach Form 1125-A)	<b>2</b>	3,937,826,131.
	<b>3</b>	Gross profit. Subtract line 2 from line 1c	<b>3</b>	925,741,504.
	<b>4</b>	Dividends and inclusions (Schedule C, line 23, column (a))	<b>4</b>	167,917.
	<b>5</b>	Interest	<b>5</b>	28,502,908.
	<b>6</b>	Gross rents	<b>6</b>	2,753,903.
	<b>7</b>	Gross royalties	<b>7</b>	
	<b>8</b>	Capital gain net income (attach Schedule D (Form 1120))	<b>8</b>	1,655,966.
	<b>9</b>	Net gain or (loss) from Form 4797, Part II, line 17 (attach Form 4797)	<b>9</b>	3,643,077.
<b>10</b>	Other income (see instructions - attach statement)	<b>10</b>	74,306,261.	
<b>11</b>	<b>Total income.</b> Add lines 3 through 10	<b>11</b>	1,036,771,536.	
<b>Deductions (See instructions for limitations on deductions.)</b>	<b>12</b>	Compensation of officers (see instructions - attach Form 1125-E)	<b>12</b>	45,434,505.
	<b>13</b>	Salaries and wages (less employment credits)	<b>13</b>	82,188,623.
	<b>14</b>	Repairs and maintenance	<b>14</b>	8,864,043.
	<b>15</b>	Bad debts	<b>15</b>	3,902,531.
	<b>16</b>	Rents	<b>16</b>	34,842,051.
	<b>17</b>	Taxes and licenses	<b>17</b>	99,244,305.
	<b>18</b>	Interest (see instructions)	<b>18</b>	109,406,167.
	<b>19</b>	Charitable contributions	<b>19</b>	9,477,801.
	<b>20</b>	Depreciation from Form 4562 not claimed on Form 1125-A or elsewhere on return (attach Form 4562)	<b>20</b>	355,778,169.
	<b>21</b>	Depletion	<b>21</b>	10,108,031.
	<b>22</b>	Advertising	<b>22</b>	3,688,968.
	<b>23</b>	Pension, profit-sharing, etc., plans	<b>23</b>	14,306,312.
	<b>24</b>	Employee benefit programs	<b>24</b>	11,845,695.
	<b>25</b>	Reserved for future use	<b>25</b>	
	<b>26</b>	Other deductions (attach statement)	<b>26</b>	109,357,879.
	<b>27</b>	<b>Total deductions.</b> Add lines 12 through 26	<b>27</b>	898,445,080.
	<b>28</b>	Taxable income before net operating loss deduction and special deductions. Subtract line 27 from line 11	<b>28</b>	138,326,456.
<b>29 a</b>	Net operating loss deduction (see instructions)	<b>29 a</b>		
<b>b</b>	Special deductions (Schedule C, line 24, column (c))	<b>29 b</b>	45,819.	
<b>c</b>	Add lines 29a and 29b	<b>29 c</b>	45,819.	
<b>Tax, Refundable Credits, and Payments</b>	<b>30</b>	<b>Taxable income.</b> Subtract line 29c from line 28. See instructions	<b>30</b>	138,280,637.
	<b>31</b>	Total tax (Schedule J, Part I, line 11)	<b>31</b>	
	<b>32</b>	2018 net 965 tax liability paid (Schedule J, Part II, line 12)	<b>32</b>	
	<b>33</b>	Total payments, credits, and section 965 net tax liability (Schedule J, Part III, line 23)	<b>33</b>	13,154,052.
	<b>34</b>	Estimated tax penalty. See instructions. Check if Form 2220 is attached <input type="checkbox"/>	<b>34</b>	
	<b>35</b>	<b>Amount owed.</b> If line 33 is smaller than the total of lines 31, 32, and 34, enter amount owed	<b>35</b>	
	<b>36</b>	<b>Overpayment.</b> If line 33 is larger than the total of lines 31, 32, and 34, enter amount overpaid	<b>36</b>	13,154,052.
<b>37</b>	Enter amount from line 36 you want: <b>Credited to 2019 estimated tax</b> <input type="checkbox"/> <b>Refunded</b> <input checked="" type="checkbox"/>	<b>37</b>	13,154,052.	

**Sign Here** ▶ Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

<b>Signature of officer</b> <b>STEPHANIE BARTH</b>	<b>Date</b> <b>10/01/2019</b>	<b>Title</b> <b>VICE PRESIDENT &amp; CAO</b>	May the IRS discuss this return with the preparer shown below? See instructions. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<b>Paid Preparer Use Only</b>	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	Firm's name ▶				Firm's EIN ▶
	Firm's address ▶				Phone no.

<b>Schedule C Dividends, Inclusions, and Special Deductions (see instructions)</b>	<b>(a) Dividends and inclusions</b>	<b>(b) %</b>	<b>(c) Special deductions (a) x (b)</b>
1 Dividends from less-than-20%-owned domestic corporations (other than debt-financed stock) . . . . .	91,637.	50	45,819.
2 Dividends from 20%-or-more-owned domestic corporations (other than debt-financed stock) . . . . .		65	
3 Dividends on certain debt-financed stock of domestic and foreign corporations . . . . .		see instructions	
4 Dividends on certain preferred stock of less-than-20%-owned public utilities . . . . .		23.3	
5 Dividends on certain preferred stock of 20%-or-more-owned public utilities . . . . .		26.7	
6 Dividends from less-than-20%-owned foreign corporations and certain FSCs . . . . .		50	
7 Dividends from 20%-or-more-owned foreign corporations and certain FSCs . . . . .		65	
8 Dividends from wholly owned foreign subsidiaries . . . . .		100	
9 <b>Subtotal.</b> Add lines 1 through 8. See instructions for limitations . . . . .	91,637.	see instructions	45,819.
10 Dividends from domestic corporations received by a small business investment company operating under the Small Business Investment Act of 1958 . . . . .		100	
11 Dividends from affiliated group members . . . . .		100	
12 Dividends from certain FSCs . . . . .		100	
13 Foreign-source portion of dividends received from a specified 10%-owned foreign corporation (excluding hybrid dividends) (see instructions) . . . . .		100	
14 Dividends from foreign corporations not included on line 3, 6, 7, 8, 11, 12, or 13 (including any hybrid dividends) . . . . .			
15 Section 965(a) inclusion . . . . .		see instructions	
16 a Subpart F inclusions derived from the sale by a controlled foreign corporation (CFC) of the stock of a lower-tier foreign corporation treated as a dividend (attach Form(s) 5471) (see instructions) . . . . .		100	
b Subpart F inclusions derived from hybrid dividends of tiered corporations (attach Form(s) 5471) (see instructions) . . . . .			
c Other inclusions from CFCs under subpart F not included on line 15, 16a, 16b, or 17 (attach Form(s) 5471) (see instructions) . . . . .			
17 Global Intangible Low-Taxed Income (GILTI) (attach Form(s) 5471 and Form 8992) . . . . .			
18 Gross-up for foreign taxes deemed paid . . . . .			
19 IC-DISC and former DISC dividends not included on line 1, 2, or 3 . . . . .			
20 Other dividends . . . . .	76,280.		
21 Deduction for dividends paid on certain preferred stock of public utilities . . . . .			
22 Section 250 deduction (attach Form 8993) . . . . .			
23 <b>Total dividends and inclusions.</b> Add lines 9 through 20. Enter here and on page 1, line 4 . . . . .	167,917.		
24 <b>Total special deductions.</b> Add lines 9 through 22, column (c). Enter here and on page 1, line 29b . . . . .			45,819.

**Schedule J Tax Computation and Payment** (see instructions)

**Part I-Tax Computation**

1	Check if the corporation is a member of a controlled group (attach Schedule O (Form 1120)). See instructions	<input checked="" type="checkbox"/>		
2	Income tax. See instructions		2	29,038,934.
3	Base erosion minimum tax (attach Form 8991)		3	
4	Add lines 2 and 3		4	29,038,934.
5a	Foreign tax credit (attach Form 1118)	5a	NONE	
b	Credit from Form 8834 (see instructions)	5b		
c	General business credit (attach Form 3800)	5c	21,785,450.	
d	Credit for prior year minimum tax (attach Form 8827)	5d	7,253,484.	
e	Bond credits from Form 8912	5e		
6	<b>Total credits.</b> Add lines 5a through 5e		6	29,038,934.
7	Subtract line 6 from line 4		7	
8	Personal holding company tax (attach Schedule PH (Form 1120))		8	
9a	Recapture of investment credit (attach Form 4255)	9a		
b	Recapture of low-income housing credit (attach Form 8611)	9b		
c	Interest due under the look-back method - completed long-term contracts (attach Form 8697)	9c		
d	Interest due under the look-back method - income forecast method (attach Form 8866)	9d		
e	Alternative tax on qualifying shipping activities (attach Form 8902)	9e		
f	Other (see instructions - attach statement)	9f		
10	<b>Total.</b> Add lines 9a through 9f		10	
11	<b>Total tax.</b> Add lines 7, 8, and 10. Enter here and on page 1, line 31		11	

**Part II-Section 965 Payments** (see instructions)

12	2018 net 965 tax liability paid from Form 965-B, Part II, column (k), line 2. Enter here and on page 1, line 32	12	
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**Part III-Payments, Refundable Credits, and Section 965 Net Tax Liability**

13	2017 overpayment credited to 2018	13	
14	2018 estimated tax payments	14	
15	2018 refund applied for on Form 4466	15	( )
16	Combine lines 13, 14, and 15	16	
17	Tax deposited with Form 7004	17	
18	Withholding (see instructions)	18	
19	<b>Total payments.</b> Add lines 16, 17, and 18	19	
20	Refundable credits from:		
a	Form 2439	20a	
b	Form 4136	20b	113,598.
c	Form 8827, line 8c	20c	13,040,454.
d	Other (attach statement - see instructions)	20d	
21	<b>Total credits.</b> Add lines 20a through 20d	21	13,154,052.
22	2018 net 965 tax liability from Form 965-B, Part I, column (d), line 2. See instructions	22	
23	<b>Total payments, credits, and section 965 net tax liability.</b> Add lines 19, 21, and 22. Enter here and on page 1, line 33	23	13,154,052.

MDU RESOURCES GROUP, INC.

Form 1120 (2018)

**Schedule K Other Information** (see instructions)

1	Check accounting method: a <input type="checkbox"/> Cash      b <input checked="" type="checkbox"/> Accrual      c <input type="checkbox"/> Other (specify) ▶ _____	Yes	No
2	See the instructions and enter the:		
a	Business activity code no. ▶ <u>221500</u>		
b	Business activity ▶ <u>ELECTRIC/GAS PUBLIC UTIL</u>		
c	Product or service ▶ <u>ELECTRICITY &amp; NATURAL GAS</u>		
3	Is the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? . . . . . If "Yes," enter name and EIN of the parent corporation ▶ _____		X
4	At the end of the tax year:		
a	Did any foreign or domestic corporation, partnership (including any entity treated as a partnership), trust, or tax-exempt organization own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part I of Schedule G (Form 1120) (attach Schedule G) . . . . .		X
b	Did any individual or estate own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part II of Schedule G (Form 1120) (attach Schedule G) . . . . .		X
5	At the end of the tax year, did the corporation:		
a	Own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of stock entitled to vote of any foreign or domestic corporation not included on <b>Form 851</b> , Affiliations Schedule? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below.		X

(i) Name of Corporation	(ii) Employer Identification Number (if any)	(iii) Country of Incorporation	(iv) Percentage Owned in Voting Stock

b Own directly an interest of 20% or more, or own, directly or indirectly, an interest of 50% or more in any foreign or domestic partnership (including an entity treated as a partnership) or in the beneficial interest of a trust? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below.

(i) Name of Entity	(ii) Employer Identification Number (if any)	(iii) Country of Organization	(iv) Maximum Percentage Owned in Profit, Loss, or Capital
SEE SEPARATE SUBGROUPS			

6	During this tax year, did the corporation pay dividends (other than stock dividends and distributions in exchange for stock) in excess of the corporation's current and accumulated earnings and profits? See sections 301 and 316 . . . . . If "Yes," file <b>Form 5452</b> , Corporate Report of Nondividend Distributions. See the instructions for Form 5452. If this is a consolidated return, answer here for the parent corporation and on Form 851 for each subsidiary.	Yes	No
7	At any time during the tax year, did one foreign person own, directly or indirectly, at least 25% of the total voting power of all classes of the corporation's stock entitled to vote or at least 25% of the total value of all classes of the corporation's stock? . . . . . For rules of attribution, see section 318. If "Yes," enter: (a) Percentage owned ▶ _____ and (b) Owner's country ▶ _____ (c) The corporation may have to file <b>Form 5472</b> , Information Return of a 25% Foreign-Owned U.S. Corporation or a Foreign Corporation Engaged in a U.S. Trade or Business. Enter the number of Forms 5472 attached ▶ _____		X
8	Check this box if the corporation issued publicly offered debt instruments with original issue discount . . . . . ▶ <input type="checkbox"/> If checked, the corporation may have to file <b>Form 8281</b> , Information Return for Publicly Offered Original Issue Discount Instruments.		
9	Enter the amount of tax-exempt interest received or accrued during the tax year ▶ \$ <u>2,133.</u>		
10	Enter the number of shareholders at the end of the tax year (if 100 or fewer) ▶ <u>1</u>		
11	If the corporation has an NOL for the tax year and is electing to forego the carryback period, check here (see instructions) . . ▶ <input type="checkbox"/> If the corporation is filing a consolidated return, the statement required by Regulations section 1.1502-21(b)(3) must be attached or the election will not be valid.		
12	Enter the available NOL carryover from prior tax years (do not reduce it by any deduction reported on page 1, line 29a.) . . . . . ▶ \$ _____		

MDU RESOURCES GROUP, INC.

Form 1120 (2018)

**Schedule K Other Information** (continued from page 4)

	Yes	No
<b>13</b> Are the corporation's total receipts (page 1, line 1a, plus lines 4 through 10) for the tax year <b>and</b> its total assets at the end of the tax year less than \$250,000? . . . . .		X
If "Yes," the corporation is not required to complete Schedules L, M-1, and M-2. Instead, enter the total amount of cash distributions and the book value of property distributions (other than cash) made during the tax year ► \$ _____		
<b>14</b> Is the corporation required to file Schedule UTP (Form 1120), Uncertain Tax Position Statement? See instructions . . . . .	X	
If "Yes," complete and attach Schedule UTP.		
<b>15a</b> Did the corporation make any payments in 2018 that would require it to file Form(s) 1099? . . . . .	X	
<b>b</b> If "Yes," did or will the corporation file required Forms 1099? . . . . .	X	
<b>16</b> During this tax year, did the corporation have an 80% or more change in ownership, including a change due to redemption of its own stock? . . . . .		X
<b>17</b> During or subsequent to this tax year, but before the filing of this return, did the corporation dispose of more than 65% (by value) of its assets in a taxable, non-taxable, or tax deferred transaction? . . . . .		X
<b>18</b> Did the corporation receive assets in a section 351 transfer in which any of the transferred assets had a fair market basis or fair market value of more than \$1 million? . . . . .		X
<b>19</b> During the corporation's tax year, did the corporation make any payments that would require it to file Forms 1042 and 1042-S under chapter 3 (sections 1441 through 1464) or chapter 4 (sections 1471 through 1474) of the Code? . . . . .		X
<b>20</b> Is the corporation operating on a cooperative basis? . . . . .		X
<b>21</b> During the tax year, did the corporation pay or accrue any interest or royalty for which the deduction is not allowed under section 267A? See instructions . . . . .		X
If "Yes," enter the total amount of the disallowed deductions ► \$ _____		
<b>22</b> Does the corporation have gross receipts of at least \$500 million in any of the 3 preceding tax years? (See sections 59A(e)(2) and (3)) . . . . .		X
If "Yes," complete and attach Form 8991.		
<b>23</b> Did the corporation have an election under section 163(j) for any real property trade or business or any farming business in effect during the tax year? See instructions . . . . .		X
<b>24</b> Does the corporation satisfy <b>one</b> of the following conditions and the corporation does not own a pass-through entity with current year, or prior year carryover, excess business interest expense? See instructions . . . . .		X
<b>a</b> The corporation's aggregate average annual gross receipts (determined under section 448(c)) for the 3 tax years preceding the current tax year do not exceed \$25 million, and the corporation is not a tax shelter, or		
<b>b</b> The corporation only has business interest expense from (1) an electing real property trade or business, (2) an electing farming business, or (3) certain utility businesses under section 163(j)(7).		
If "No," complete and attach Form 8990.		
<b>25</b> Is the corporation attaching Form 8996 to certify as a Qualified Opportunity Fund? . . . . .		X
If "Yes," enter amount from Form 8996, line 13 . . . . . ► \$ _____		

Form **1120** (2018)

MDU RESOURCES GROUP, INC.

Form 1120 (2018)

Schedule L	Balance Sheets per Books	Beginning of tax year		End of tax year	
		(a)	(b)	(c)	(d)
<b>Assets</b>					
1	Cash . . . . .		34,598,700.		53,948,120.
2a	Trade notes and accounts receivable . . . . .	621,215,359.		634,393,400.	
b	Less allowance for bad debts . . . . .	( 6,875,547. )	614,339,812.	( 7,614,399. )	626,779,001.
3	Inventories . . . . .		226,582,848.		287,309,455.
4	U.S. government obligations . . . . .				
5	Tax-exempt securities (see instructions) . . . . .				
6	Other current assets (attach statement) . . . . .		193,582,512.		215,533,878.
7	Loans to shareholders . . . . .				
8	Mortgage and real estate loans . . . . .				
9	Other investments (attach statement) . . . . .		137,613,418.		138,620,478.
10a	Buildings and other depreciable assets . . . . .	6,296,082,679.		6,887,678,995.	
b	Less accumulated depreciation . . . . .	( 2,643,242,291. )	3,652,840,388.	( 2,761,724,568. )	4,125,954,427.
11a	Depletable assets . . . . .	417,901,584.		441,141,456.	
b	Less accumulated depletion . . . . .	( 127,537,648. )	290,363,936.	( 139,340,191. )	301,801,265.
12	Land (net of any amortization) . . . . .		135,983,247.		150,921,282.
13a	Intangible assets (amortizable only) . . . . .	337,538,610.		377,377,127.	
b	Less accumulated amortization . . . . .	( -298,088,675. )	635,627,285.	( -298,359,783. )	675,736,910.
14	Other assets (attach statement) . . . . .		413,134,269.		411,505,346.
15	<b>Total assets</b> . . . . .		<b>6,334,666,415.</b>		<b>6,988,110,162.</b>
<b>Liabilities and Shareholders' Equity</b>					
16	Accounts payable . . . . .		312,326,638.		358,504,813.
17	Mortgages, notes, bonds payable in less than 1 year . . . . .		148,499,104.		251,853,862.
18	Other current liabilities (attach statement) . . . . .		352,962,708.		379,522,859.
19	Loans from shareholders . . . . .				
20	Mortgages, notes, bonds payable in 1 year or more . . . . .		1,566,354,128.		1,856,840,931.
21	Other liabilities (attach statement) . . . . .		1,525,480,395.		1,574,612,881.
22	Capital stock: a Preferred stock . . . . .				
b	Common stock . . . . .	195,843,297.	195,843,297.	196,564,907.	196,564,907.
23	Additional paid-in capital . . . . .		1,233,411,797.		1,248,575,848.
24	Retained earnings - Appropriated (attach statement) . . . . .				
25	Retained earnings - Unappropriated . . . . .		1,040,747,879.		1,163,601,920.
26	Adjustments to shareholders' equity (attach statement) . . . . .		-37,333,718.		-38,342,046.
27	Less cost of treasury stock . . . . .		( 3,625,813. )		( 3,625,813. )
28	<b>Total liabilities and shareholders' equity</b> . . . . .		<b>6,334,666,415.</b>		<b>6,988,110,162.</b>

**Schedule M-1 Reconciliation of Income (Loss) per Books With Income per Return**

Note: The corporation may be required to file Schedule M-3. See instructions.

1	Net income (loss) per books . . . . .		7	Income recorded on books this year not included on this return (itemize): Tax-exempt interest \$ _____
2	Federal income tax per books . . . . .		8	Deductions on this return not charged against book income this year (itemize): a Depreciation . . . . . \$ _____ b Charitable contributions . \$ _____
3	Excess of capital losses over capital gains . . . . .		9	Add lines 7 and 8 . . . . .
4	Income subject to tax not recorded on books this year (itemize): _____		10	Income (page 1, line 28) - line 6 less line 9
5	Expenses recorded on books this year not deducted on this return (itemize): a Depreciation . . . . . \$ _____ b Charitable contributions . \$ _____ c Travel and entertainment . \$ _____			
6	Add lines 1 through 5 . . . . .			

**Schedule M-2 Analysis of Unappropriated Retained Earnings per Books (Line 25, Schedule L)**

1	Balance at beginning of year . . . . .	1,040,747,879.	5	Distributions: a Cash . . . . .	155,695,134.
2	Net income (loss) per books . . . . .	272,318,357.	b	Stock . . . . .	
3	Other increases (itemize): _____		c	Property . . . . .	
			6	Other decreases (itemize): _____	
		6,230,818.	7	Add lines 5 and 6 . . . . .	155,695,134.
4	Add lines 1, 2, and 3 . . . . .	1,319,297,054.	8	Balance at end of year (line 4 less line 7)	1,163,601,920.

Form 1120 (2018)

Name of corporation (common parent, if consolidated return) <b>MDU RESOURCES GROUP, INC.</b>	Employer identification number <b>41-0423660</b>
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input checked="" type="checkbox"/> Subsidiary corp (5) <input type="checkbox"/> Mixed 1120/L/PC group	
Check if a sub-consolidated: (6) <input type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations	
Name of subsidiary (if consolidated return) <b>CASCADE NATURAL GAS CORPORATION</b>	Employer identification number <b>91-0599090</b>

**Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)**

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations . . . . .				
2 Gross foreign dividends not previously taxed				
3 Subpart F, QEF, and similar income inclusions				
4 Gross-up for foreign taxes deemed paid . . . . .				
5 Gross foreign distributions previously taxed . . . . .				
6 Income (loss) from equity method U.S. corporations . . . . .				
7 U.S. dividends not eliminated in tax consolidation . . . . .				
8 Minority interest for includible corporations . . . . .				
9 Income (loss) from U.S. partnerships . . . . .				
10 Income (loss) from foreign partnerships . . . . .				
11 Income (loss) from other pass-through entities				
12 Items relating to reportable transactions . . . . .				
13 Interest income (see instructions) . . . . .	513,668.			513,668.
14 Total accrual to cash adjustment . . . . .				
15 Hedging transactions . . . . .				
16 Mark-to-market income (loss) . . . . .				
17 Cost of goods sold (see instructions) . . . . .	( 200,944,911. )	10,719.		( 200,934,192. )
18 Sale versus lease (for sellers and/or lessors)				
19 Section 481(a) adjustments . . . . .				
20 Unearned/deferred revenue . . . . .				
21 Income recognition from long-term contracts				
22 Original issue discount and other imputed interest . . . . .				
23 a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities . . . . .				
b Gross capital gains from Schedule D, excluding amounts from pass-through entities				
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses . . . . .				
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses . . . . .		-4,551,401.		-4,551,401.
e Abandonment losses . . . . .				
f Worthless stock losses (attach statement) . . . . .				
g Other gain/loss on disposition of assets other than inventory . . . . .				
24 Capital loss limitation and carryforward used				
25 Other income (loss) items with differences (attach statement) . . . . .	47,519.	4,156,067.	-47,519.	4,156,067.
26 Total income (loss) items. Combine lines 1 through 25 . . . . .	-200,383,724.	-384,615.	-47,519.	-200,815,858.
27 Total expense/deduction items (from Part III, line 39) . . . . .	-44,301,123.	-49,638,902.	494,186.	-93,445,839.
28 Other items with no differences . . . . .	259,339,524.			259,339,524.
29 a Mixed groups, see instructions. All others, combine lines 26 through 28 . . . . .	14,654,677.	-50,023,517.	446,667.	-34,922,173.
b PC insurance subgroup reconciliation totals				
c Life insurance subgroup reconciliation totals				
30 Reconciliation totals. Combine lines 29a through 29c . . . . .	14,654,677.	-50,023,517.	446,667.	-34,922,173.

**Note:** Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Name of corporation (common parent, if consolidated return) <b>MDU RESOURCES GROUP, INC.</b>	Employer identification number <b>41-0423660</b>
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input checked="" type="checkbox"/> Subsidiary corp (5) <input type="checkbox"/> Mixed 1120/L/PC group	
Check if a sub-consolidated: (6) <input type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations	
Name of subsidiary (if consolidated return) <b>CASCADE NATURAL GAS CORPORATION</b>	Employer identification number <b>91-0599090</b>

**Part III Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return - Expense/Deduction Items** (see instructions)

Expense/Deduction Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 U.S. current income tax expense . . . . .	-5,664,894.		5,664,894.	
2 U.S. deferred income tax expense . . . . .	5,603,695.		-5,603,695.	
3 State and local current income tax expense . . . . .	-488,700.		-250,482.	-739,182.
4 State and local deferred income tax expense . . . . .	771,649.		-771,649.	
5 Foreign current income tax expense (other than foreign withholding taxes) . . . . .				
6 Foreign deferred income tax expense . . . . .				
7 Foreign withholding taxes . . . . .				
8 Interest expense (see instructions) . . . . .	11,956,293.	-464,514.		11,491,779.
9 Stock option expense . . . . .			142,178.	142,178.
10 Other equity-based compensation . . . . .	353,678.		-176,839.	176,839.
11 Meals and entertainment . . . . .	51.		-51.	
12 Fines and penalties . . . . .				
13 Judgments, damages, awards, and similar costs . . . . .				
14 Parachute payments . . . . .				
15 Compensation with section 162(m) limitation . . . . .				
16 Pension and profit-sharing . . . . .		1,136,547.		1,136,547.
17 Other post-retirement benefits . . . . .				
18 Deferred compensation . . . . .				
19 Charitable contribution of cash and tangible property . . . . .	137,336.			137,336.
20 Charitable contribution of intangible property . . . . .				
21 Charitable contribution limitation/carryforward . . . . .				
22 Domestic production activities deduction (see instructions) . . . . .				
23 Current year acquisition or reorganization investment banking fees . . . . .				
24 Current year acquisition or reorganization legal and accounting fees . . . . .				
25 Current year acquisition/reorganization other costs . . . . .				
26 Amortization/impairment of goodwill . . . . .				
27 Amortization of acquisition, reorganization, and start-up costs . . . . .				
28 Other amortization or impairment write-offs . . . . .	40,971.	-40,971.		
29 Reserved . . . . .				
30 Depletion . . . . .			2,092.	2,092.
31 Depreciation . . . . .	30,962,509.	-146,258.		30,816,251.
32 Bad debt expense . . . . .		10,399.		10,399.
33 Corporate owned life insurance premiums . . . . .				
34 Purchase versus lease (for purchasers and/or lessees) . . . . .				
35 Research and development costs . . . . .				
36 Section 118 exclusion (attach statement) . . . . .				
37 Section 162(r) - FDIC premiums paid by certain large financial institutions (see instructions) . . . . .				
38 Other expense/deduction items with differences (attach statement) . . . . .	628,535.	49,143,699.	499,366.	50,271,600.
39 <b>Total expense/deduction items.</b> Combine lines 1 through 38. Enter here and on Part II, line 27, reporting positive amounts as negative and negative amounts as positive . . . . .	44,301,123.	49,638,902.	-494,186.	93,445,839.

*Washington Utilities and Transportation Commission*  
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**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 20**

Date prepared: October 2, 2020

Preparer: Kim Ukestad

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 20 TO CASCADE:**

**Depreciation Expenses**

Please provide the monthly calculation of test period depreciation expenses of \$24,915,117.61, including detail of the monthly gross plant values, depreciation rates, and allocation factors.

**Response:**

Please refer to AWEC-20 Excel file, for the monthly depreciation expense and gross plant values, depreciation rates, and allocation factors for the test period.

***Washington Utilities and Transportation Commission***  
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**Alliance Western Energy Consumers**  
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**Request No. 22**

Date prepared: 10-01-2020

Preparer: Isaac Myhrum/Chanda Marek/Brian Cunnington

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 22 TO CASCADE:**

**Customer Migration**

Reference Exhibit No. \_\_\_\_ (IDM-1T) at 5 19:21:

- a. Please provide a copy of the special contract for the customer(s) that migrated to Rate Schedule 663.
- b. Please detail the revenues for the customer(s) under the special contract versus the revenues under Rate Schedule 663.
- c. Please provide any notices provided to the customer(s) cancelling their special contract.
- d. Please identify the billing determinants for the contract demand charges for the Rate Schedule 906 special contract, and specify whether the demand billing determinants are the same as Rate Schedule 663.
- e. Please explain why the Rate Schedule 906 special contract demand charges are so much higher than the Rate Schedule 663 demand charges.

**Response:**

- a. Please see AWEC-22(C).pdf, pages 1-14.
- b. The attachment AWEC-22.xlsx provides a comparison in rates and recent margin revenues for the customer transitioning from RS-906 to RS-663. This can be further compared year-over-year to revenues presented in IDM-7, "1501 Summary" worksheet for RS-906.
- c. Please see AWEC-22(C).pdf, page 15. The page contains a written notice of termination received by the Company from the customer on March 4, 2020.
- d. The contract demand charges are calculated differently under RS-663 compared to RS-906 therefore the related billing determinants shown for RS-906 in IDM-7 column ("B") rows 349-350 are not equivalent. Please see response "e." for more details.

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- e. The units used to determine the contract demand charge for Rate Schedule 906 and RS663 are not the same. The special contract uses units of MMBTU (1 MMBTU=10 therms) while the RS663 tariff has Contract Demand units in therms. The special contract has a Daily Contract Quantity (DCQ) of 10,000 MMBTU/day = 100,000 therms/day. The special contract demand charge was \$1 / MMBTU/day for the DCQ at the time of contract signing. Therefore \$1 \* 10,000 MMBTU/day = \$10,000/month fixed charge. Per the special contract, both the demand charge rates and the volumetric rates are adjusted each year at half the consumer price index, so the most recent rate was more than the rate stated in the contract (For RS-906 in 2019 it was \$13,219.29/month later adjusted to \$13,344.87/month).

On RS663 the demand charge is \$0.20 / therms/day for the CD. Therefore \$0.20 \* 100,000 therms/day = \$20,000/month fixed charge. The fixed demand charge on RS663 is therefore higher than the \$1/MMBTU stated in the special contract.

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**Request No. 26**

Date prepared: 9/30/20

Preparer: Tony Durado

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 26 TO CASCADE:**

**Cost of Debt**

Please identify and detail each outstanding debt issuance of Cascade Natural Gas Corporation as of September 2020. Please including the date of the issuance, the coupon rate, any discounts or premiums on the issued debt, the term of the debt and any other relevant information related to cascade's cost of debt

**Response:**

See Attached: AWEC-26.xlsx

*Washington Utilities and Transportation Commission*  
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**Alliance Western Energy Consumers**  
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**Request No. 27**

Date prepared: 9/30/20

Preparer: Tony Durado

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 27 TO CASCADE:**

**Cost of Debt**

Please identify each debt issuance that Cascade Natural Gas Corporation is planning in the next 24 months.

**Response:**

In the next 24 months, Cascade Natural Gas is only planning a single debt issuance. On November 1, 2020 CNG plans to pay off \$24,201,000.00 of 5.25% Insured Quarterly Notes and replace them with \$25,000,000.00 of privately placed new Senior Notes at current market rates. Details on rates and maturity terms have not yet been determined.

*Washington Utilities and Transportation Commission*  
v.  
*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 32**

Date prepared: 10/13/2020

Preparer: Isaac Myhrum

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 32 TO CASCADE:**

**Revenue Normalization**

Reference Exh IDM-7 - Revenue Summary: Does Cascade agree that the unadjusted test period revenues include \$5,710,516 attributable to Cascade's decoupling mechanism. If no, please state the amount of decoupling mechanism revenues included in the test period results.

**Response:**

Cascade's test year includes the amount (\$5,710,515.70) in question, which represents the 2019 amortized deferral balances refunded to customer classes under its decoupling adjustment tariff, Schedule 594. However, this revenue is offset in the test year by other non-gas revenues adjustments in Exhibit IDM-7; therefore, yielding the decoupling elements revenue-neutral within the Company's rate case. The non-gas revenues labeled "Deferrals" and "DEFWA revenues" are offset amounts attributable to the Company's decoupling mechanism, which are derived from the IDM-7 worksheet entitled "Revenue Reconciliation", and the WEAFF bill assistance program labeled "WA Energy Assistance Fund Program". Leaving the remaining balance of \$39,925.26 attributed to revenue sensitive adjustment.

**Revenue Description (IDM-7, Column A)**

WA Decoupling Mechanism	\$ (5,710,515.70)	IDM-7, Non-Gas Revenue
Deferrals	\$ 4,889,648.44	IDM-7, Non-Gas Revenue
DEFWA revenues	\$ (71,127.93)	IDM-7, Non-Gas Revenue
WA Energy Assistance Fund Program	\$ 931,920.45	IDM-7, Non-Gas Revenue
Remaining Balance (revenue sensitive adjustment)	\$ 39,925.26	

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**Request No. 33**

Date prepared: 10-07-2020

Preparer: Isaac Myhrum

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 33 TO CASCADE:**

**Revenue Normalization**

Does Cascade agree that, in performing its revenue normalization, it did not remove the decoupling mechanism revenues included in the unadjusted test period results? If no, please identify where the decoupling mechanism revenues have been removed.

**Response:**

No, Cascade does not agree. The decoupling revenues in question were properly adjusted during the test year and are considered revenue neutral for this case. See response to AWEC-32, which provides a detailed explanation of how the decoupling revenues are revenue neutral within this rate case.

***Washington Utilities and Transportation Commission***  
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**Request No. 34**

Date prepared: 10-07-2020  
Preparer: Isaac Myhrum  
Contact: Christopher Mickelson  
Email: Christopher.Mickelson@cngc.com  
Telephone: 509-734-4549

**AWEC DR 34 TO CASCADE:**

**Revenue Normalization**

Reference Exh IDM-7 - Revenue Summary: Did Cascade perform a revenue adjustment removing the revenues and costs of gas that are recovered through its Purchased Gas Adjustment (“PGA”)? If no, please explain why not.

**Response:**

Cascade did not do a separate adjustment removing both revenues and expenses related to its PGA. Instead, Cascade reflects the appropriate revenues and expenses associated with its PGA, thus yielding the PGA elements revenue-neutral within the Company’s rate case. PGA elements are not a part of the Company’s margin revenue request. Cascade’s total natural gas costs are \$125,165,839.18 before revenue sensitive adjustment presented in Exhibit MCP-8 – ROO Summary. In Exhibit IDM-7- Revenue Summary, all revenues for each rate schedule are clearly defined and delineated between margin, gas cost, and non-gas revenue components. The gas cost corresponding revenues can be reconciled to “Average Cost of Gas”, “Temporary Gas Cost Amortization”, and “WA Deferred Gas Cost” amounts, as reflected on Exhibit IDM-7. The remaining difference between the total gas cost revenues on Exhibit IDM-7 of \$125,523,701.36 minus direct gas costs on Exhibit MCP-8 of \$125,165,839.18 leaves the remaining balance of \$357,862.18 attributed to revenue sensitive adjustment; as summarized below.

\$ 112,015,877.84	Average Cost of Gas	Exh. IDM-7
\$ 11,825,930.41	Temporary Gas Cost Amortization	Exh. IDM-7
\$ 1,681,893.11	WA Deferred Gas Costs	Exh. IDM-7
\$ 125,523,701.36	Total PGA Revenues	
\$ 125,165,839.18	Natural Gas/Production Costs	Exh. MCP-8
\$ 357,862.18	Remaining Balance (revenue sensitive)	

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**Request No. 35**

Date prepared: 10-07-2020

Preparer: Isaac Myhrum

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 35 TO CASCADE:**

**Revenue Normalization**

Reference Exh IDM-7 - Revenue Summary: Does Cascade agree that its test period results include \$112,015,877 of operating revenues attributable to gas costs for sales customers? If no, please state the revenues attributable to gas costs included in unadjusted test period revenues?

**Response:**

Cascade's test year includes the amount \$112,015,877.84 in question, which represents the Average Gas Costs, but this amount alone does not account for the total natural gas cost revenues. Cascade's direct natural gas cost is \$125,165,839 before revenue sensitive adjustment, as found in Exhibit MCP-8 – ROO Summary Sheet, line number 5. See response to AWEC-34 for greater explanation related to gas cost.

*Washington Utilities and Transportation Commission*  
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**Request No. 36**

Date prepared: October 12, 2020

Preparer: Maryalice Peters

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 36 TO CASCADE:**

**Revenue Normalization**

Reference UG-200568 CNGC Exh MCP 8-10 and WP-1, 07.24.20, Tab “Operating Report”, Lines 24-28: Does Cascade agree that it has included in margin revenue requirement PGA gas costs equal to \$125,236,148? If no, please state the amount of PGA gas costs included in margin revenue requirement.

**Response:**

No, Cascade does not agree these amounts are included in the margin revenue requirement. The amounts are associated with the PGA before revenue sensitive adjustment, which are the offset to the PGA revenues reflect within the natural gas sales on Exhibit MCP-8 – ROO Summary, line number 1. See response to AWEC-34 for further explanation.

***Washington Utilities and Transportation Commission***  
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**Alliance Western Energy Consumers**  
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**Request No. 37**

Date prepared: October 12, 2020

Preparer: Maryalice Peters

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 37 TO CASCADE:**

**Revenue Normalization**

Does Cascade agree that if it were to remove the PGA gas revenues and PGA gas costs from margin revenue requirement that doing so would reduce operating income by \$13,220,271? If no, please state the revenue requirement impact of removing PGA gas revenues and PGA gas costs from margin revenue requirement.

**Response:**

No, Cascade does not agree. The PGA is not included within the margin revenue requirement request in this case. See responses to AWEC-34 and AWEC-35.

***Washington Utilities and Transportation Commission***  
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***Cascade Natural Gas Corporation***  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 38**

Date prepared: 10/10/2020

Preparer: Tony Durado

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 38 TO CASCADE:**

**Income Taxes/EDFIT**

Reference UG-200568 CNGC Exh MCP 8-10 and WP-1, 07.24.20, “Adv for Const. & Def Tax”: Please explain why accumulated deferred income taxes were not reduced for unamortized protected plus EDFIT, as specified in paragraph 14 of the partial joint settlement agreement in Docket UG-170929.

**Response:**

The accumulated deferred incomes taxes do include the unamortized protected plus EDFIT. They are included in the 2820 accounts on lines 18-34. These accounts represent our actual, historical deferred income taxes at the rates at which they originated.

When the deferred income taxes were remeasured as a result of the Tax Cuts and Jobs Act, the reduction in deferred income taxes was recorded to a separate 2820 account (contra accounts), in order to maintain the historical deferred income tax balance for regulated rate base purposes, while still reducing the overall deferred tax balance as required by GAAP. These accounts are noted as “FAS 109 adj” and “Grossup” accounts in lines 55-62. For a simple illustrative example of how the journal entries related to the deferred tax remeasurement were recorded, see Attached: AWEC-38 – ARAM Example – FERC Accounts and Rate Base.xlsx

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*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 42**

Date prepared: 10/20/2020

Preparer: Tony Durado

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 42 TO CASCADE:**

**Income Taxes/ EDFIT**

Please identify the actual total amount of Washington allocated protected plus EDFIT amortization/reversals, by book tax difference item, for calendar years 2018 and 2019.

**Response:**

See Attached: AWEC-42.pdf

Tax Provision Total Tax Analysis Report - Compare

00047-Cascade Natural Gas Co.  
Oper-WA-Gas

	2019 Actuals CNGC				2018 Actuals CNGC				Difference			
	January Through December				January Through December							
	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact
<b>Book Income</b>		\$8,303,813.40	\$8,303,813.40			\$12,892,540.17	\$12,892,540.17			(\$4,588,726.77)	(\$4,588,726.77)	
<b>Tax Items</b>		\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00	
<b>Book Income Before Income Taxes (Adjusted for Tax Items)</b>		\$8,303,813.40	\$8,303,813.40			\$12,892,540.17	\$12,892,540.17			(\$4,588,726.77)	(\$4,588,726.77)	
<b>Federal Income Taxes @ Statutory Rate</b>		\$1,743,800.81	\$1,743,800.81			\$2,707,433.44	\$2,707,433.44			(\$963,632.62)	(\$963,632.62)	
<b>State Taxes</b>		\$149,873.10	\$149,873.10			\$232,693.69	\$232,693.69			(\$82,820.59)	\$82,820.59	
<b>State Benefit of Fed/State Deduction</b>		\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00	
<b>Fed Benefit of State Tax Deduction</b>		(\$31,473.35)	(\$31,473.35)			(\$48,865.68)	(\$48,865.68)			\$17,392.32	\$17,392.32	
<b>Fed / Foreign Rate Differential</b>		\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00	
<b>Total Federal &amp; State @ Statutory Rates</b>		\$1,862,200.57	\$1,862,200.57			\$2,891,261.45	\$2,891,261.45			(\$1,029,060.89)	(\$1,029,060.89)	
<b>Other Current Tax ETR Adjustments</b>												
<b>Current Year Current Tax State Rate Change Adjust</b>		\$0.01	\$0.01			(\$0.02)	(\$0.02)			\$0.03	\$0.03	
<b>Current Year Current Tax Fed/For Rate Change Adjust</b>		(\$0.02)	(\$0.02)			\$0.00	\$0.00			(\$0.02)	(\$0.02)	
<b>AFUDC Property</b>												
UT0770 AFUDC EQUITY - FED	\$64,932.84	\$13,635.90	\$13,635.90	\$0.00	(\$1,228,423.44)	(\$257,968.92)	(\$257,968.92)	\$0.00	\$1,293,356.28	\$271,604.82	\$271,604.82	\$0.00
UT0771 AFUDC EQUITY - STATE	\$64,932.84	\$925.84	\$925.84	\$0.00	(\$1,228,423.44)	(\$17,515.45)	(\$17,515.45)	\$0.00	\$1,293,356.28	\$18,441.29	\$18,441.29	\$0.00
<b>Subtotal: AFUDC Property</b>	\$129,865.68	\$14,561.74	\$14,561.74	\$0.00	(\$2,456,846.88)	(\$275,484.37)	(\$275,484.37)	\$0.00	\$2,586,712.56	\$290,046.11	\$290,046.11	\$0.00
<b>CWIP</b>												
UT0785 AFUDC DEBT - CAPITALIZED	\$155,401.05	\$0.00	\$34,850.00	(\$34,850.00)	\$220,381.52	(\$0.01)	\$49,422.42	(\$49,422.43)	(\$64,980.47)	\$0.01	(\$14,572.42)	\$14,572.43
UT0786 AFUDC DEBT - INCURRED - FED	(\$830,215.39)	(\$0.00)	(\$186,182.84)	\$186,182.84	(\$21,120.38)	(\$0.00)	(\$4,736.42)	\$4,736.42	(\$809,095.01)	\$0.00	(\$181,446.42)	\$181,446.42
UT0787 AFUDC EQUITY - CAPITALIZED	\$30,196.91	\$6,771.91	\$6,771.91	\$0.00	\$21,706.04	\$4,867.76	\$4,867.76	\$0.00	\$8,490.87	\$1,904.15	\$1,904.15	\$0.00
UT079 SECTION 174 COSTS - INCURRED	(\$1,106,933.84)	(\$0.02)	(\$248,239.30)	\$248,239.28	\$3,313,144.25	\$0.00	\$743,000.69	(\$743,000.69)	(\$4,420,078.09)	(\$0.02)	(\$991,239.99)	\$991,239.97
UT0794 CIAC - CAPITALIZED	(\$861,882.82)	(\$0.01)	(\$193,284.53)	\$193,284.52	(\$275,136.36)	\$0.01	(\$61,701.66)	\$61,701.67	(\$586,746.46)	(\$0.02)	(\$131,582.87)	\$131,582.85
UT0795 CIAC - INCURRED	\$1,196,439.58	\$0.00	\$268,311.72	(\$268,311.72)	(\$2,175,201.12)	(\$0.01)	(\$487,807.30)	\$487,807.29	\$3,371,640.70	\$0.01	\$756,119.02	(\$756,119.01)
UT0796 CPI - CAPITALIZED	(\$126,539.55)	\$0.00	(\$28,377.57)	\$28,377.57	(\$11,887.76)	(\$0.00)	(\$2,665.93)	\$2,665.93	(\$114,651.79)	\$0.00	(\$25,711.64)	\$25,711.64
UT0797 CPI - INCURRED	\$914,022.13	\$0.01	\$204,977.21	(\$204,977.20)	\$473,167.59	(\$0.02)	\$106,111.84	(\$106,111.86)	\$440,854.54	\$0.03	\$98,865.37	(\$98,865.34)
<b>Subtotal: CWIP</b>	(\$629,511.93)	\$6,771.90	(\$141,173.39)	\$147,945.29	\$1,545,053.78	\$4,867.74	\$346,491.41	(\$341,623.67)	(\$2,174,565.71)	\$1,904.16	(\$487,664.80)	\$489,568.96
<b>Deferred Current</b>												
UT0004 ST INCENTIVE ACCRUAL *NEW*	\$537,165.14	(\$0.00)	\$120,463.84	(\$120,463.84)	\$610,135.74	(\$0.01)	\$136,828.11	(\$136,828.12)	(\$72,970.60)	\$0.00	(\$16,364.28)	\$16,364.28
UT0051 UNIFORM CAPITALIZATION *NEW*	\$5,916.90	\$0.01	\$1,326.92	(\$1,326.91)	\$4,546.21	\$0.01	\$1,019.53	(\$1,019.52)	\$1,370.69	(\$0.00)	\$307.39	(\$307.39)
UT0094 RESERVED REVENUES	(\$804,794.49)	\$0.01	(\$180,481.99)	\$180,482.00	\$2,598,047.11	(\$0.01)	\$582,634.10	(\$582,634.11)	(\$3,402,841.60)	\$0.03	(\$763,116.08)	\$763,116.11

Tax Provision Total Tax Analysis Report - Compare

00047-Cascade Natural Gas Co.  
Oper-WA-Gas

		2019 Actuals CNGC				2018 Actuals CNGC				Difference			
		January Through December				January Through December							
	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact	
<b>Deferred Current</b>													
UT0201	BAD DEBTS EXPENSE *NEW*	\$49,916.62	\$0.03	\$11,194.23	(\$11,194.20)	(\$9,634.44)	(\$0.01)	(\$2,160.60)	\$2,160.59	\$59,551.06	\$0.04	\$13,354.83	(\$13,354.79)
UT0219	PAYROLL TAXES - INCENTIVE COMPENSATION	\$42,488.59	\$0.01	\$9,528.43	(\$9,528.42)	\$68,463.65	\$0.00	\$15,353.55	(\$15,353.55)	(\$25,975.06)	\$0.00	(\$5,825.13)	\$5,825.13
UT0280	VACATION PAY	(\$55,923.84)	\$0.00	(\$12,541.40)	\$12,541.40	\$19,069.10	\$0.01	\$4,276.41	(\$4,276.40)	(\$74,992.94)	(\$0.00)	(\$16,817.80)	\$16,817.80
UT0354	CUSTOMER ADVANCES *NEW*	(\$131,959.27)	\$0.00	(\$29,592.99)	\$29,592.99	(\$103,967.20)	(\$0.01)	(\$23,315.53)	\$23,315.52	(\$27,992.07)	\$0.01	(\$6,277.46)	\$6,277.47
UT0355	PREPAID EXPENSES*	(\$83,330.65)	\$0.03	(\$18,687.60)	\$18,687.63	(\$48,154.54)	(\$0.01)	(\$10,799.06)	\$10,799.05	(\$35,176.11)	\$0.04	(\$7,888.54)	\$7,888.58
UT0369	CONSERVATION PROGRAM	(\$495,643.69)	(\$0.01)	(\$111,152.30)	\$111,152.29	(\$6,309,806.27)	(\$0.00)	(\$1,415,027.56)	\$1,415,027.56	\$5,814,162.58	(\$0.01)	\$1,303,875.26	(\$1,303,875.27)
UT0391	PURCHASED GAS ADJUSTMENT *NEW*	(\$43,307,696.63)	(\$0.02)	(\$9,712,118.22)	\$9,712,118.20	\$29,291,636.77)	\$0.00	(\$6,568,897.94)	\$6,568,897.94	(\$14,016,059.86)	(\$0.02)	(\$3,143,220.28)	\$3,143,220.26
UT0423	LEGAL RESERVE	(\$22,038.09)	\$0.01	(\$4,942.23)	\$4,942.24	(\$15,331.02)	(\$0.01)	(\$3,438.11)	\$3,438.10	(\$6,707.07)	\$0.02	(\$1,504.12)	\$1,504.14
UT0516	DERIVATIVE ASSETS	(\$108,189.15)	(\$0.00)	(\$24,262.33)	\$24,262.33	\$0.00	\$0.00	\$0.00	\$0.00	(\$108,189.15)	(\$0.00)	(\$24,262.33)	\$24,262.33
UT0519	DERIVATIVE REG LIABILITY	\$108,189.15	(\$0.01)	\$24,262.33	(\$24,262.34)	\$0.00	\$0.00	\$0.00	\$0.00	\$108,189.15	(\$0.01)	\$24,262.33	(\$24,262.34)
<b>Subtotal: Deferred Current</b>		(\$44,265,899.41)	\$0.05	(\$9,927,003.32)	\$9,927,003.37	(\$32,478,268.43)	(\$0.05)	(\$7,283,527.11)	\$7,283,527.06	(\$11,787,630.98)	\$0.10	(\$2,643,476.21)	\$2,643,476.31
<b>Deferred Non Current</b>													
UT0142	PENSION	(\$2,063,388.68)	(\$7,051,891.21)	(\$462,732.41)	(\$6,589,158.80)	(\$206,585.25)	(\$0.00)	(\$46,328.49)	\$46,328.49	(\$1,856,803.43)	(\$7,051,891.20)	(\$416,403.91)	(\$6,635,487.29)
UT0142	PENSION - INTERCOMPANY	(\$32,532.82)	(\$183,559.57)	(\$7,295.76)	(\$176,263.81)	\$0.00	\$0.00	\$0.00	\$0.00	(\$32,532.82)	(\$183,559.57)	(\$7,295.76)	(\$176,263.81)
UT0144	POSTRETIREMENT	(\$1,119,896.73)	(\$518,420.20)	(\$251,146.34)	(\$267,273.86)	(\$150,507.09)	(\$0.00)	(\$33,752.49)	\$33,752.49	(\$969,389.64)	(\$518,420.20)	(\$217,393.85)	(\$301,026.35)
UT0144	POSTRETIREMENT - INTERCOMPANY	(\$62,436.20)	\$19,362.36	(\$14,001.85)	\$33,364.21	\$0.00	\$0.00	\$0.00	\$0.00	(\$62,436.20)	\$19,362.36	(\$14,001.85)	\$33,364.21
UT0372	UNAMORTIZED LOSS ON REACQUIRED DEBT	\$30,949.22	\$0.07	\$6,940.63	(\$6,940.56)	\$31,559.68	\$0.01	\$7,077.53	(\$7,077.52)	(\$610.46)	\$0.06	(\$136.90)	\$136.96
UT038	MANUFACTURED GAS PLANT SITE - BELLINGH	\$0.00	\$0.00	\$0.00	\$0.00	\$466,500.00	\$0.00	\$104,616.58	(\$104,616.58)	(\$466,500.00)	(\$0.00)	(\$104,616.58)	\$104,616.58
UT038	MANUFACTURED GAS PLANT SITE - BELLINGH	\$0.00	\$0.00	\$0.00	\$0.00	(\$466,500.00)	(\$0.00)	(\$104,616.58)	\$104,616.58	\$466,500.00	\$0.00	\$104,616.58	(\$104,616.58)
UT0384	MANUFACTURED GAS PLANT SITE - BREMER	\$1,490,578.77	(\$0.02)	\$334,274.93	(\$334,274.95)	\$2,202,944.44	(\$0.01)	\$494,028.97	(\$494,028.98)	(\$712,365.67)	(\$0.01)	(\$159,754.04)	\$159,754.03
UT0385	MANUFACTURED GAS PLANT SITE - BREMER	(\$1,248,977.05)	(\$0.00)	(\$280,093.69)	\$280,093.69	(\$1,462,083.48)	\$0.01	(\$327,884.62)	\$327,884.63	\$213,106.43	(\$0.02)	\$47,790.92	(\$47,790.94)
UT0470	DEFERRED PENSION & POST RETIREMENT E)	\$0.00	\$7,048,145.15	\$0.00	\$7,048,145.15	\$109,283.99	(\$0.01)	\$24,507.86	(\$24,507.87)	(\$109,283.99)	\$7,048,145.16	(\$24,507.86)	\$7,072,653.02
UT0471	DEFERRED PENSION & POST RETIREMENT E)	\$0.00	(\$7,570,311.40)	\$0.00	(\$7,570,311.40)	(\$680,632.76)	\$0.00	(\$152,637.67)	\$152,637.67	\$680,632.76	(\$7,570,311.40)	\$152,637.67	(\$7,722,949.07)
UT0480	PENSION - REG ASSET	\$2,153,952.00	\$7,051,891.20	\$483,042.00	\$6,568,849.20	\$0.00	\$0.00	\$0.00	\$0.00	\$2,153,952.00	\$7,051,891.20	\$483,042.00	\$6,568,849.20
UT0480	PENSION INTERCOMPANY - REG ASSET	\$32,532.82	\$183,559.57	\$7,295.76	\$176,263.81	\$0.00	\$0.00	\$0.00	\$0.00	\$32,532.82	\$183,559.57	\$7,295.76	\$176,263.81
UT0482	POSTRETIREMENT - REG ASSET	\$1,075,843.64	\$518,420.19	\$241,267.06	\$277,153.13	\$0.00	\$0.00	\$0.00	\$0.00	\$1,075,843.64	\$518,420.19	\$241,267.06	\$277,153.13
UT0482	POSTRETIREMENT INTERCOMPANY - REG AS	\$62,436.20	(\$19,362.36)	\$14,001.85	(\$33,364.21)	\$0.00	\$0.00	\$0.00	\$0.00	\$62,436.20	(\$19,362.36)	\$14,001.85	(\$33,364.21)
UT0486	INTERCOMPANY DEFERRED EMPLOYEE BENE	\$0.00	(\$164,197.22)	\$0.00	(\$164,197.22)	(\$32,859.90)	(\$0.00)	(\$7,369.11)	\$7,369.11	\$32,859.90	(\$164,197.22)	\$7,369.11	(\$171,566.33)
UT0487	INTERCOMPANY DEFERRED EMPLOYEE BENE	\$0.00	\$182,543.56	\$0.00	\$182,543.56	(\$142,723.23)	\$0.01	(\$32,006.89)	\$32,006.90	\$142,723.23	\$182,543.55	\$32,006.89	\$150,536.66
UT0511	MAOP COSTS - WA	(\$2,041,024.90)	\$0.01	(\$457,717.14)	\$457,717.15	(\$4,590,443.57)	\$0.00	(\$1,029,445.90)	\$1,029,445.90	\$2,549,418.67	\$0.01	\$571,728.76	(\$571,728.75)
<b>Subtotal: Deferred Non Current</b>		(\$1,721,963.73)	(\$503,819.88)	(\$386,164.97)	(\$117,654.91)	(\$4,922,047.17)	\$0.00	(\$1,103,810.82)	\$1,103,810.82	\$3,200,083.44	(\$503,819.88)	\$717,645.85	(\$1,221,465.73)
<b>Deferred Non Current Property</b>													
UT0693	PLANT - FED	(\$13,178,118.84)	\$1,532,930.11	(\$2,767,404.96)	\$1,234,474.85	(\$3,696,305.04)	\$1,140,216.99	(\$776,224.06)	(\$363,992.93)	(\$9,481,813.80)	(\$392,713.12)	(\$1,991,180.90)	\$1,598,467.78
UT0694	PLANT - STATE	(\$13,523,258.39)	\$55,954.74	(\$192,821.11)	\$248,775.85	(\$4,039,433.15)	\$62,693.79	(\$57,596.18)	\$120,289.97	(\$9,483,825.24)	(\$6,739.05)	(\$135,224.93)	\$128,485.88
<b>Subtotal: Deferred Non Current Property</b>		(\$26,701,377.23)	(\$1,476,975.37)	(\$2,960,226.07)	\$1,483,250.70	(\$7,735,738.19)	(\$1,077,523.20)	(\$833,820.24)	(\$243,702.96)	(\$18,965,639.04)	(\$399,452.17)	(\$2,126,405.83)	\$1,726,953.66
<b>Deferred Only Adjustments</b>													
UT0980	EXCESS DEF NONPLANT - OTHER - FED	\$0.00	(\$684,680.36)	\$0.00	(\$684,680.36)	\$0.00	(\$677,461.66)	\$0.00	(\$677,461.66)	\$0.00	(\$7,218.70)	\$0.00	(\$7,218.70)

Tax Provision Total Tax Analysis Report - Compare

00047-Cascade Natural Gas Co.  
Oper-WA-Gas

	2019 Actuals CNGC				2018 Actuals CNGC				Difference				
	January Through December				January Through December								
	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact	
<b>Deferred Only Adjustments</b>													
UT0980	EXCESS DEF NONPLANT - RATE BASE - FED	\$0.00	\$27,634.76	\$0.00	\$27,634.76	\$0.00	\$27,634.76	\$0.00	\$27,634.76	\$0.00	\$0.00	\$0.00	\$0.00
UT0980	EXCESS DEF PLANT - FED	\$0.00	\$0.00	\$0.00	\$0.00	(\$174,374.77)	\$0.00	(\$174,374.77)	\$0.00	\$174,374.77	\$0.00	\$174,374.77	\$0.00
UT0984	R&D TAX CREDIT CARRYFORWARD	\$0.00	\$0.00	\$0.00	\$0.00	\$32,762.59	\$0.00	\$32,762.59	\$0.00	(\$32,762.59)	\$0.00	(\$32,762.59)	\$0.00
<b>Subtotal: Deferred Only Adjustments</b>		\$0.00	(\$657,045.60)	\$0.00	(\$657,045.60)	\$0.00	(\$791,439.08)	\$0.00	(\$791,439.08)	\$0.00	\$134,393.48	\$0.00	\$134,393.48
<b>Expense Allocation</b>													
UT1100	CURRENT TAX ALLOCATION ADJUSTMENT - F	\$0.00	\$0.00	\$0.00	\$0.00	\$75,731.68	\$75,731.68	\$0.00	\$0.00	(\$75,731.68)	(\$75,731.68)	\$0.00	\$0.00
UT1104	DEFERRED TAX ALLOCATION ADJUSTMENT - F	\$0.00	\$0.00	\$0.00	\$0.00	(\$41,210.09)	\$0.00	(\$41,210.09)	\$0.00	\$41,210.09	\$0.00	\$41,210.09	\$0.00
UT1106	DEFERRED TAX REVERSAL - FED	\$0.00	\$0.00	\$0.00	\$0.00	\$96,948.35	\$0.00	\$96,948.35	\$0.00	(\$96,948.35)	\$0.00	(\$96,948.35)	\$0.00
<b>Subtotal: Expense Allocation</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$131,469.94	\$75,731.68	\$55,738.26	\$0.00	(\$131,469.94)	(\$75,731.68)	(\$55,738.26)	\$0.00
<b>ITC Amortization</b>													
UT0910	ITC - FED	\$0.00	(\$32,560.44)	\$0.00	(\$32,560.44)	\$0.00	(\$32,560.52)	\$0.00	(\$32,560.52)	\$0.00	\$0.08	\$0.00	\$0.08
<b>Subtotal: ITC Amortization</b>		\$0.00	(\$32,560.44)	\$0.00	(\$32,560.44)	\$0.00	(\$32,560.52)	\$0.00	(\$32,560.52)	\$0.00	\$0.08	\$0.00	\$0.08
<b>Permanent</b>													
UP0120	50% MEALS AND ENTERTAINMENT	\$113,259.68	\$25,399.44	\$25,399.44	\$0.00	\$126,364.76	\$28,338.37	\$28,338.37	\$0.00	(\$13,105.08)	(\$2,938.93)	(\$2,938.93)	\$0.00
UP0125	100% ENTERTAINMENT	\$6,338.50	\$1,421.46	\$1,421.46	\$0.00	\$9,021.11	\$2,023.06	\$2,023.06	\$0.00	(\$2,682.61)	(\$601.60)	(\$601.60)	\$0.00
UP0150	QUALIFIED TRANSPORTATION FRINGE - PARK	\$4,005.54	\$898.28	\$898.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,005.54	\$898.28	\$898.28	\$0.00
UP0350	ACCRUED TAX INTEREST	\$2,437.67	\$546.67	\$546.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,437.67	\$546.67	\$546.67	\$0.00
<b>Subtotal: Permanent</b>		\$126,041.39	\$28,265.85	\$28,265.85	\$0.00	\$135,385.87	\$30,361.43	\$30,361.43	\$0.00	(\$9,344.48)	(\$2,095.58)	(\$2,095.58)	\$0.00
<b>Tax Credits &amp; Adjustments</b>													
UT0923	CONSOLIDATING ADJUSTMENT STATE	(\$932,140.79)	\$736,391.22	\$736,391.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$932,140.79)	\$736,391.22	\$736,391.22	\$0.00
UT0930	R&D CREDIT - FED	\$135,967.20	(\$135,967.20)	(\$135,967.20)	\$0.00	\$305,935.90	(\$305,935.90)	(\$305,935.90)	\$0.00	(\$169,968.70)	\$169,968.70	\$169,968.70	\$0.00

Tax Provision Total Tax Analysis Report - Compare

00047-Cascade Natural Gas Co.  
Oper-WA-Gas

	2019 Actuals CNGC January Through December				2018 Actuals CNGC January Through December				Difference			
	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact	M Item	Total Tax	Current Impact	Deferred Impact
<b>Tax Credits &amp; Adjustments</b>												
UT0960 FIN48 - CURRENT	(\$21,799.45)	\$21,799.45	\$21,799.45	\$0.00	(\$53,677.93)	\$53,677.93	\$53,677.93	\$0.00	\$31,878.48	(\$31,878.48)	(\$31,878.48)	\$0.00
<b>Subtotal: Tax Credits &amp; Adjustments</b>	(\$817,973.04)	\$622,223.47	\$622,223.47	\$0.00	\$252,257.97	(\$252,257.97)	(\$252,257.97)	\$0.00	(\$1,070,231.01)	\$874,481.44	\$874,481.44	\$0.00
<b>Current Tax Expense Adjustments</b>		(\$1,998,578.26)	(\$12,749,516.67)	\$10,750,938.41		(\$2,262,566.09)	(\$9,296,316.00)	\$7,033,749.91		\$263,987.84	(\$3,453,200.66)	\$3,717,188.50
<b>Tax Expense (Benefit) With Discrete Items</b>		(\$136,377.69)				\$628,695.36				(\$765,073.05)		
<b>Less: Discrete Items Included Above</b>		\$0.00				\$0.00				\$0.00		
<b>Tax Expense (Benefit) Without Discrete Items</b>		(\$136,377.69)				\$628,695.36				(\$765,073.05)		
<b>Total Tax Expense</b>		(\$136,377.69)				\$628,695.36				(\$765,073.05)		
<b>Tax Expense Booked</b>		(\$136,377.66)				\$628,695.40				(\$765,073.06)		
<b>Difference</b>		(\$0.03)				(\$0.04)				\$0.01		

Protected Plus EDFIT (No Gross-up)

Unprotected EDFIT (No Gross-up)

*Washington Utilities and Transportation Commission*  
**v.**  
*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 48**

Date prepared: 11/9/20

Preparer: Tony Durado

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 48 TO CASCADE:**

**Income Taxes**

Reference UG-200568 CNGC Exh MCP 8-10 and WP-1, 07.24.20 Tab “Operating Report”: Please provide workpapers supporting the amounts detailed in lines 136 through 141 pertaining to operating current and deferred federal income taxes.

**Response:**

See Attached: AWEC-48.xlsx

	Oper-OR-Gas	Non-Op-OR	Oper-WA-Gas	Non-Op-WA	Total
<b>Federal Consolidating Report by Month - Report #51004</b>					
<b>2019 Actuals CNGC</b>					
<b>00047-Cascade Natural Gas Co.</b>					
<b>January Through December</b>					
=====					
<b>Book Income</b>	<b>2,942,974.62</b>	<b>393,307.78</b>	<b>8,303,813.40</b>	<b>4,856,988.22</b>	<b>16,497,084.02</b>
<b>Tax Items</b>	-	-	-	-	-
<b>Book Income Before Tax</b>	<b>2,942,974.62</b>	<b>393,307.78</b>	<b>8,303,813.40</b>	<b>4,856,988.22</b>	<b>16,497,084.02</b>
=====					
AFUDC Property					
UT0770 AFUDC EQUITY - FED	18,862.29	-	64,932.84	-	83,795.13
<b>Total AFUDC Property</b>	<b>18,862.29</b>	<b>-</b>	<b>64,932.84</b>	<b>-</b>	<b>83,795.13</b>
=====					
CWIP					
UT0785 AFUDC DEBT - CAPITALIZED	45,142.31	-	155,401.05	-	200,543.36
UT0786 AFUDC DEBT - INCURRED - FED	(100,148.09)	-	(830,215.39)	-	(930,363.48)
UT0787 AFUDC EQUITY - CAPITALIZED	8,771.87	-	30,196.91	-	38,968.78
UT0788 AFUDC EQUITY - INCURRED	-	(63,199.75)	-	(233,705.62)	(296,905.37)
UT079 SECTION 174 COSTS - INCURRED	1,106,933.84	-	(1,106,933.84)	-	-
UT0794 CIAC - CAPITALIZED	(250,367.56)	-	(861,882.82)	-	(1,112,250.38)
UT0795 CIAC - INCURRED	349,677.51	-	1,196,439.58	-	1,546,117.09
UT0796 CPI - CAPITALIZED	(38,480.76)	-	(126,539.55)	-	(165,020.31)
UT0797 CPI - INCURRED	267,467.46	-	914,022.13	-	1,181,489.59
<b>Total CWIP</b>	<b>1,388,996.58</b>	<b>(63,199.75)</b>	<b>(629,511.93)</b>	<b>(233,705.62)</b>	<b>462,579.28</b>
=====					
Deferred Current					
UT0004 ST INCENTIVE ACCRUAL *NEW*	177,435.28	-	537,165.14	-	714,600.42
UT0051 UNIFORM CAPITALIZATION *NEW*	1,982.09	-	5,916.90	-	7,898.99
UT0094 RESERVED REVENUES	455,982.68	-	(804,794.49)	-	(348,811.81)
UT0160 CHARITABLE CONTRIBUTIONS	-	0.01	-	(0.01)	-
UT0201 BAD DEBTS EXPENSE *NEW*	2,516.70	-	49,916.62	-	52,433.32
UT0219 PAYROLL TAXES - INCENTIVE COMPENSATION *NEW*	14,034.75	-	42,488.59	-	56,523.34
UT0280 VACATION PAY	(18,592.73)	-	(55,923.84)	-	(74,516.57)
UT0354 CUSTOMER ADVANCES *NEW*	39,900.97	-	(131,959.27)	-	(92,058.30)
UT0355 PREPAID EXPENSES*	(27,525.61)	-	(83,330.65)	-	(110,856.26)
UT0369 CONSERVATION PROGRAM	-	-	(495,643.69)	-	(495,643.69)
UT0391 PURCHASED GAS ADJUSTMENT *NEW*	(4,415,379.71)	-	(43,307,696.63)	-	(47,723,076.34)
UT0423 LEGAL RESERVE	(7,279.58)	-	(22,038.09)	-	(29,317.67)

UT0516 DERIVATIVE ASSETS	(29,908.85)	-	(108,189.15)	-	(138,098.00)
UT0519 DERIVATIVE REG LIABILITY	29,908.85	-	108,189.15	-	138,098.00
<b>Total Deferred Current</b>	<b>(3,776,925.16)</b>	<b>0.01</b>	<b>(44,265,899.41)</b>	<b>(0.01)</b>	<b>(48,042,824.57)</b>

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Deferred Non Current

UT0142 PENSION	(681,574.32)	-	(2,063,388.68)	-	(2,744,963.00)
UT0142 PENSION - INTERCOMPANY	(10,746.18)	-	(32,532.82)	-	(43,279.00)
UT0144 POSTRETIREMENT	(369,921.99)	-	(1,119,896.73)	-	(1,489,818.72)
UT0144 POSTRETIREMENT - INTERCOMPANY	(20,623.80)	-	(62,436.20)	-	(83,060.00)
UT0372 UNAMORTIZED LOSS ON REACQUIRED DEBT	10,021.42	-	30,949.22	-	40,970.64
UT0384 MANUFACTURED GAS PLANT SITE - BREMERTON - REG ASSET *NEW*	-	-	1,490,578.77	-	1,490,578.77
UT0385 MANUFACTURED GAS PLANT SITE - BREMERTON - LIABILITY *NEW*	-	-	(1,248,977.05)	-	(1,248,977.05)
UT0386 MANUFACTURED GAS PLANT SITE - EUGENE - REG ASSET *NEW*	739,765.66	-	-	-	739,765.66
UT0387 MANUFACTURED GAS PLANT SITE - EUGENE - LIABILITY *NEW*	(1,499,967.84)	-	-	-	(1,499,967.84)
UT0466 SISP/SERP	-	(10,111.37)	-	(30,610.87)	(40,722.24)
UT0480 PENSION - REG ASSET	711,489.00	-	2,153,952.00	-	2,865,441.00
UT0480 PENSION INTERCOMPANY - REG ASSET	10,746.18	-	32,532.82	-	43,279.00
UT0482 POSTRETIREMENT - REG ASSET	355,370.46	-	1,075,843.64	-	1,431,214.10
UT0482 POSTRETIREMENT INTERCOMPANY - REG ASSET	20,623.80	-	62,436.20	-	83,060.00
UT0510 MAOP COSTS - OR	135,466.96	-	-	-	135,466.96
UT0511 MAOP COSTS - WA	-	-	(2,041,024.90)	-	(2,041,024.90)
<b>Total Deferred Non Current</b>	<b>(599,350.65)</b>	<b>(10,111.37)</b>	<b>(1,721,963.73)</b>	<b>(30,610.87)</b>	<b>(2,362,036.62)</b>

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Deferred Non Current Property

UT0693 PLANT - FED	(3,828,099.82)	-	(13,178,118.84)	-	(17,006,218.66)
<b>Total Deferred Non Current Property</b>	<b>(3,828,099.82)</b>	<b>-</b>	<b>(13,178,118.84)</b>	<b>-</b>	<b>(17,006,218.66)</b>

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Permanent

UP0120 50% MEALS AND ENTERTAINMENT	49,517.88	-	113,259.68	-	162,777.56
UP0125 100% ENTERTAINMENT	1,862.50	-	6,338.50	-	8,201.00
UP0130 PENALTIES	-	12.50	-	37.85	50.35
UP0150 QUALIFIED TRANSPORTATION FRINGE - PARKING	1,334.46	-	4,005.54	-	5,340.00
UP0170 LOBBYING EXPENSES	-	78,557.83	-	237,695.98	316,253.81
UP0210 401K DIVIDEND DEDUCTION	-	(52,016.37)	-	(157,473.63)	(209,490.00)
UP0216 SISP/SERP PREMIUM & CSV	-	(423,352.72)	-	(1,281,652.18)	(1,705,004.90)
UP0217 PERFORMANCE SHARE PROGRAM-PERM	-	(130,763.43)	-	(395,871.41)	(526,634.84)
UP0310 ROYALTY INCOME - DEDUCTION FOR PERCENTAGE DEPLETION	-	(522.55)	-	(1,569.87)	(2,092.42)
UP0350 ACCRUED TAX INTEREST	789.33	-	2,437.67	-	3,227.00
<b>Total Permanent</b>	<b>53,504.17</b>	<b>(528,084.74)</b>	<b>126,041.39</b>	<b>(1,598,833.26)</b>	<b>(1,947,372.44)</b>

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Taxable Income Before State Tax	(3,800,037.97)	(208,088.07)	(51,300,706.28)	2,993,838.46	(52,314,993.86)
State and Local Current Tax	(941,388.15)	(89,092.80)	-	-	(1,030,480.95)
Federal Taxable Income	(2,858,649.82)	(118,995.27)	(51,300,706.28)	2,993,838.46	(51,284,512.91)
Statutory Tax Rate	0.21	0.21	0.21	0.21	0.21
Calculated Tax	(600,316.46)	(24,989.01)	(10,773,148.32)	628,706.08	(10,769,747.71)
Current Period True-Up	-	0.01	-	-	0.01
Current Federal Tax Before Credits	(600,316.46)	(24,989.00)	(10,773,148.32)	628,706.08	(10,769,747.70)
Credits and Adjustments	37,865.05	4,150.84	114,167.75	12,422.59	168,606.23
Current Federal Tax	(638,181.51)	(29,139.84)	(10,887,316.07)	616,283.49	(10,938,353.93)
Other Items Impacting Current Tax	-	-	-	-	-
Total Current Tax With Other Adjustments	(638,181.51)	(29,139.84)	(10,887,316.07)	616,283.49	(10,938,353.93)

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Journal Entry Summary Report - By General Ledger Account and M Item Detail  
2019 Actuals CNGC  
00047-Cascade Natural Gas Co.  
January Through December  
Across All Operations

GL Account Number			Current Period			
Tax Return Key	M Item Description		M Item Activity	DR Amount	CR Amount	Net DR/CR
47WA.4101.1221 - 4101	Prov for Def Inc Tax, Util					
UT0004	ST INCENTIVE ACCRUAL *NEW*		537,165.14	157,573.37	-	157,573.37
UT0051	UNIFORM CAPITALIZATION *NEW*		5,916.90	22.43	-	22.43
UT0094	RESERVED REVENUES		(804,794.49)	326,978.23	-	326,978.23
UT0142	PENSION		(2,063,388.68)	608,131.50	-	608,131.50
UT0142	PENSION - INTERCOMPANY		(32,532.82)	9,934.26	-	9,934.26
UT0144	POSTRETIREMENT		(1,119,896.73)	245,456.04	-	245,456.04
UT0144	POSTRETIREMENT - INTERCOMPANY		(62,436.20)	31,242.90	-	31,242.90
UT0201	BAD DEBTS EXPENSE *NEW*		49,916.62	73,968.59	-	73,968.59
UT0219	PAYROLL TAXES - INCENTIVE COMPENSATION *NEW*		42,488.59	10,708.66	-	10,708.66
UT0280	VACATION PAY		(55,923.84)	41,675.82	-	41,675.82
UT0354	CUSTOMER ADVANCES *NEW*		(77,866.46)	16,351.96	-	16,351.96
UT0355	PREPAID EXPENSES*		(83,330.65)	77,913.62	-	77,913.62
UT0369	CONSERVATION PROGRAM		(495,643.69)	505,175.62	-	505,175.62
UT0372	UNAMORTIZED LOSS ON REACQUIRED DEBT		30,949.22	117.36	-	117.36
UT0384	MANUFACTURED GAS PLANT SITE - BREMERTON - REG ASSET *NEW*		1,490,578.77	30,035.93	-	30,035.93
UT0385	MANUFACTURED GAS PLANT SITE - BREMERTON - LIABILITY *NEW*		(1,248,977.05)	262,285.18	-	262,285.18
UT0391	PURCHASED GAS ADJUSTMENT *NEW*		(43,307,696.63)	11,606,522.97	-	11,606,522.97
UT0423	LEGAL RESERVE		(22,038.09)	60,907.28	-	60,907.28
UT0470	DEFERRED PENSION & POST RETIREMENT EXPENSE - REG ASSET *NEW*		-	6,600,020.13	-	6,600,020.13
UT0471	DEFERRED PENSION & POST RETIREMENT EXPENSE - REG LIABILITY *NEW*		-	127,947.10	-	127,947.10
UT0480	PENSION - REG ASSET		2,153,952.00	6,611,691.98	-	6,611,691.98
UT0480	PENSION INTERCOMPANY - REG ASSET		32,532.82	172,012.06	-	172,012.06
UT0482	POSTRETIREMENT - REG ASSET		1,075,843.64	489,536.44	-	489,536.44
UT0482	POSTRETIREMENT INTERCOMPANY - REG ASSET		62,436.20	563.90	-	563.90
UT0486	INTERCOMPANY DEFERRED EMPLOYEE BENEFIT COSTS - REG ASSET *NEW*		-	2,775.12	-	2,775.12
UT0487	INTERCOMPANY DEFERRED EMPLOYEE BENEFIT COSTS - REG LIABILITY *NEW*		-	170,937.34	-	170,937.34
UT0511	MAOP COSTS - WA		(2,041,024.90)	468,083.49	-	468,083.49
UT0516	DERIVATIVE ASSETS		(108,189.15)	24,834.47	-	24,834.47
UT0517	DERIVATIVE LIABILITIES		-	139.01	-	139.01
UT0518	DERIVATIVE REG ASSET		-	139.01	-	139.01
UT0519	DERIVATIVE REG LIABILITY		108,189.15	2,524.81	-	2,524.81
UT0693	PLANT - FED		(9,660,902.33)	1,879,731.83	-	1,879,731.83
UT0785	AFUDC DEBT - CAPITALIZED		155,401.05	589.01	-	589.01
UT0786	AFUDC DEBT - INCURRED - FED		(830,215.39)	174,345.23	-	174,345.23
UT079	SECTION 174 COSTS - INCURRED		(1,106,933.84)	948,892.03	-	948,892.03
UT0794	CIAC - CAPITALIZED		(861,882.82)	180,995.39	-	180,995.39
UT0795	CIAC - INCURRED		1,196,439.58	87,225.66	-	87,225.66
UT0796	CPI - CAPITALIZED		(126,539.55)	167,563.48	-	167,563.48
UT0797	CPI - INCURRED		914,022.13	24,629.60	-	24,629.60
UT0980	EXCESS DEF NONPLANT - RATE BASE - FED		-	27,634.76	-	27,634.76
Total For:	47WA.4101.1221		(56,254,381.50)	32,227,813.57	-	32,227,813.57

Journal Entry Summary Report - By General Ledger Account and M Item Detail

2019 Actuals CNGC  
00047-Cascade Natural Gas Co.  
January Through December  
Across All Operations

GL Account Number			Current Period			
Tax Return Key	M Item Description		M Item Activity	DR Amount	CR Amount	Net DR/CR
47WA.4111.1221 - 4111	Prov for Def Inc Tax, Util					
UT0004	ST INCENTIVE ACCRUAL *NEW*		537,165.14	-	268,342.07	(268,342.07)
UT0051	UNIFORM CAPITALIZATION *NEW*		5,916.90	-	1,242.55	(1,242.55)
UT0094	RESERVED REVENUES		(804,794.49)	-	161,021.73	(161,021.73)
UT0142	PENSION		(2,063,388.68)	-	6,666,983.42	(6,666,983.42)
UT0142	PENSION - INTERCOMPANY		(32,532.82)	-	172,012.06	(172,012.06)
UT0144	POSTRETIREMENT		(1,119,896.73)	-	491,219.24	(491,219.24)
UT0144	POSTRETIREMENT - INTERCOMPANY		(62,436.20)	-	563.90	(563.90)
UT0201	BAD DEBTS EXPENSE *NEW*		49,916.62	-	84,261.87	(84,261.87)
UT0219	PAYROLL TAXES - INCENTIVE COMPENSATION *NEW*		42,488.59	-	19,470.22	(19,470.22)
UT0280	VACATION PAY		(55,923.84)	-	30,143.77	(30,143.77)
UT0354	CUSTOMER ADVANCES *NEW*		(131,959.27)	11,359.49	500.15	10,859.34
UT0355	PREPAID EXPENSES*		(83,330.65)	-	60,730.01	(60,730.01)
UT0369	CONSERVATION PROGRAM		(495,643.69)	-	402,969.07	(402,969.07)
UT0372	UNAMORTIZED LOSS ON REACQUIRED DEBT		30,949.22	-	6,499.32	(6,499.32)
UT0384	MANUFACTURED GAS PLANT SITE - BREMERTON - REG ASSET *NEW*		1,490,578.77	-	337,407.86	(337,407.86)
UT0385	MANUFACTURED GAS PLANT SITE - BREMERTON - LIABILITY *NEW*		(1,248,977.05)	-	4,733.91	(4,733.91)
UT0391	PURCHASED GAS ADJUSTMENT *NEW*		(43,307,696.63)	-	2,676,052.83	(2,676,052.83)
UT0423	LEGAL RESERVE		(22,038.09)	-	56,362.80	(56,362.80)
UT0470	DEFERRED PENSION & POST RETIREMENT EXPENSE - REG ASSET *NEW*		-	-	119,121.88	(119,121.88)
UT0471	DEFERRED PENSION & POST RETIREMENT EXPENSE - REG LIABILITY *NEW*		-	-	7,088,986.76	(7,088,986.76)
UT0480	PENSION - REG ASSET		2,153,952.00	-	571,515.11	(571,515.11)
UT0480	PENSION INTERCOMPANY - REG ASSET		32,532.82	-	9,934.26	(9,934.26)
UT0482	POSTRETIREMENT - REG ASSET		1,075,843.64	-	234,689.07	(234,689.07)
UT0482	POSTRETIREMENT INTERCOMPANY - REG ASSET		62,436.20	-	31,242.90	(31,242.90)
UT0486	INTERCOMPANY DEFERRED EMPLOYEE BENEFIT COSTS - REG ASSET *NEW*		-	-	153,757.46	(153,757.46)
UT0487	INTERCOMPANY DEFERRED EMPLOYEE BENEFIT COSTS - REG LIABILITY *NEW*		-	-	3,085.20	(3,085.20)
UT0511	MAOP COSTS - WA		(2,041,024.90)	-	47,204.21	(47,204.21)
UT0516	DERIVATIVE ASSETS		(108,189.15)	-	2,524.81	(2,524.81)
UT0517	DERIVATIVE LIABILITIES		-	-	139.01	(139.01)
UT0518	DERIVATIVE REG ASSET		-	-	139.01	(139.01)
UT0519	DERIVATIVE REG LIABILITY		108,189.15	-	24,834.47	(24,834.47)
UT0693	PLANT - FED		(3,517,216.51)	-	645,256.98	(645,256.98)
UT0694	PLANT - STATE		(13,523,258.39)	-	38,485.14	(38,485.14)
UT0785	AFUDC DEBT - CAPITALIZED		155,401.05	-	32,634.22	(32,634.22)
UT0786	AFUDC DEBT - INCURRED - FED		(830,215.39)	-	3,146.71	(3,146.71)
UT079	SECTION 174 COSTS - INCURRED		(1,106,933.84)	-	720,631.47	(720,631.47)
UT0794	CIAC - CAPITALIZED		(861,882.82)	-	3,266.74	(3,266.74)
UT0795	CIAC - INCURRED		1,196,439.58	-	333,943.19	(333,943.19)
UT0796	CPI - CAPITALIZED		(126,539.55)	-	141,469.79	(141,469.79)
UT0797	CPI - INCURRED		914,022.13	-	213,109.88	(213,109.88)
UT0980	EXCESS DEF NONPLANT - OTHER - FED		-	-	684,680.36	(684,680.36)
Total For:	47WA.4111.1221		(63,688,046.88)	11,359.49	22,544,315.41	(22,532,955.92)

*Washington Utilities and Transportation Commission*  
**v.**  
*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 50**

Date prepared: 11/2/2020

Preparer: Chris Ryan

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 50 TO CASCADE:**

**Directors' Fees**

Please identify all directors' fees allocated to Cascade and included in Washington results in the test period.

**Response:**

See attached Excel Spreadsheet AWEC-50.xlsx

Comp Business												WA			Units	Explanation 1	Explanation 2
any	Unit	Object	Subsidiary	Per	Post	GL Date	Type	Doc Num	Line #	Batch Num	Batch Date	Amount	Direct	WA Allocated			
47	4760500	5231	293074	1	P	1/31/2019	JE	1134	360	1639816	2/8/2019	25,007.97	-	18,798.49	0	MDUR 1-19	MDUR Cross Charge 29995
47	4760500	5231	293074	2	P	2/28/2019	JE	1292	128	1646497	3/7/2019	24,194.68	-	18,187.14	0	MDUR 2-19	MDUR Cross Charge 29995
47	4760500	5231	293074	3	P	3/31/2019	JE	1503	137	1654195	4/5/2019	24,490.90	-	18,409.81	0	MDUR 3-19	MDUR Cross Charge 29995
47	4760500	5231	293074	4	P	4/30/2019	JE	1671	131	1662373	5/7/2019	23,204.07	-	17,442.50	0	MDUR 4-19	MDUR Cross Charge 29995
47	4760500	5231	293074	5	P	5/31/2019	JE	1852	120	1671355	6/7/2019	26,704.74	-	20,073.95	0	MDUR 5-19	MDUR Cross Charge 29995
47	4760500	5231	293074	6	P	6/30/2019	JE	2049	137	1679957	7/8/2019	25,438.71	-	19,122.28	0	MDUR 6-19	MDUR Cross Charge 29995
47	4760500	5231	293074	7	P	7/31/2019	JE	2223	130	1689578	8/7/2019	26,670.84	-	20,048.47	0	MDUR 7-19	MDUR Cross Charge 29995
47	4760500	5231	293074	8	P	8/31/2019	JE	2437	138	1698704	9/9/2019	24,767.63	-	18,617.83	0	MDUR 8-19	MDUR Cross Charge 29995
47	4760500	5231	293074	9	P	9/30/2019	JE	2674	397	1707347	10/7/2019	(25,133.11)	-	(18,892.56)	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5231	293074	9	P	9/30/2019	JE	2674	145	1707347	10/7/2019	25,133.11	-	18,892.56	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5231	293074	9	P	9/30/2019	JE	2678	145	1707462	10/7/2019	25,133.11	-	18,892.56	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5231	293074	10	P	10/31/2019	JE	2840	138	1716783	11/7/2019	24,372.35	-	18,320.70	0	MDUR 10-19	MDUR Cross Charge 29995
47	4760500	5231	293074	11	P	11/30/2019	JE	3020	126	1724547	12/6/2019	53,558.72	-	40,260.09	0	MDUR 11-19	MDUR Cross Charge 29995
47	4760500	5231	293074	12	P	12/31/2019	JE	3262	145	1734540	1/8/2020	27,636.74	-	20,774.54	0	MDUR 12-19	MDUR Cross Charge 29995
47	4760500	5232	293074	1	P	1/31/2019	JE	1134	361	1639816	2/8/2019	247.74	-	186.23	0	MDUR 1-19	MDUR Cross Charge 29995
47	4760500	5232	293074	2	P	2/28/2019	JE	1292	129	1646497	3/7/2019	249.29	-	187.39	0	MDUR 2-19	MDUR Cross Charge 29995
47	4760500	5232	293074	3	P	3/31/2019	JE	1503	138	1654195	4/5/2019	250.85	-	188.56	0	MDUR 3-19	MDUR Cross Charge 29995
47	4760500	5232	293074	4	P	4/30/2019	JE	1671	132	1662373	5/7/2019	(411.76)	-	(309.52)	0	MDUR 4-19	MDUR Cross Charge 29995
47	4760500	5232	293074	5	P	5/31/2019	JE	1852	121	1671355	6/7/2019	80.11	-	60.22	0	MDUR 5-19	MDUR Cross Charge 29995
47	4760500	5232	293074	6	P	6/30/2019	JE	2049	138	1679957	7/8/2019	78.52	-	59.02	0	MDUR 6-19	MDUR Cross Charge 29995
47	4760500	5232	293074	7	P	7/31/2019	JE	2223	131	1689578	8/7/2019	75.38	-	56.66	0	MDUR 7-19	MDUR Cross Charge 29995
47	4760500	5232	293074	8	P	8/31/2019	JE	2437	139	1698704	9/9/2019	73.80	-	55.48	0	MDUR 8-19	MDUR Cross Charge 29995
47	4760500	5232	293074	9	P	9/30/2019	JE	2674	146	1707347	10/7/2019	72.22	-	54.29	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5232	293074	9	P	9/30/2019	JE	2674	398	1707347	10/7/2019	(72.22)	-	(54.29)	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5232	293074	9	P	9/30/2019	JE	2678	146	1707462	10/7/2019	72.22	-	54.29	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5232	293074	10	P	10/31/2019	JE	2840	139	1716783	11/7/2019	70.62	-	53.09	0	MDUR 10-19	MDUR Cross Charge 29995
47	4760500	5232	293074	11	P	11/30/2019	JE	3020	127	1724547	12/6/2019	69.02	-	51.88	0	MDUR 11-19	MDUR Cross Charge 29995
47	4760500	5232	293074	12	P	12/31/2019	JE	3262	146	1734540	1/8/2020	67.40	-	50.66	0	MDUR 12-19	MDUR Cross Charge 29995
47	4760500	5233	293074	1	P	1/31/2019	JE	1134	362	1639816	2/8/2019	123.25	-	92.65	0	MDUR 1-19	MDUR Cross Charge 29995
47	4760500	5233	293074	2	P	2/28/2019	JE	1292	130	1646497	3/7/2019	846.69	-	636.46	0	MDUR 2-19	MDUR Cross Charge 29995
47	4760500	5233	293074	3	P	3/31/2019	JE	1503	139	1654195	4/5/2019	52.09	-	39.16	0	MDUR 3-19	MDUR Cross Charge 29995
47	4760500	5233	293074	5	P	5/31/2019	JE	1852	122	1671355	6/7/2019	1,295.55	-	973.86	0	MDUR 5-19	MDUR Cross Charge 29995
47	4760500	5233	293074	6	P	6/30/2019	JE	2049	139	1679957	7/8/2019	27.01	-	20.30	0	MDUR 6-19	MDUR Cross Charge 29995
47	4760500	5233	293074	7	P	7/31/2019	JE	2223	132	1689578	8/7/2019	244.61	-	183.87	0	MDUR 7-19	MDUR Cross Charge 29995
47	4760500	5233	293074	8	P	8/31/2019	JE	2437	140	1698704	9/9/2019	901.26	-	677.48	0	MDUR 8-19	MDUR Cross Charge 29995
47	4760500	5233	293074	10	P	10/31/2019	JE	2840	140	1716783	11/7/2019	49.98	-	37.57	0	MDUR 10-19	MDUR Cross Charge 29995
47	4760500	5233	293074	11	P	11/30/2019	JE	3020	128	1724547	12/6/2019	1,133.32	-	851.92	0	MDUR 11-19	MDUR Cross Charge 29995
47	4760500	5233	293074	12	P	12/31/2019	JE	3262	147	1734540	1/8/2020	88.11	-	66.23	0	MDUR 12-19	MDUR Cross Charge 29995
47	4760500	5234	293074	3	P	3/31/2019	JE	1503	140	1654195	4/5/2019	41,336.76	-	31,072.84	0	MDUR 3-19	MDUR Cross Charge 29995
47	4760500	5234	293074	6	P	6/30/2019	JE	2049	140	1679957	7/8/2019	992.93	-	746.39	0	MDUR 6-19	MDUR Cross Charge 29995
47	4760500	5234	293074	9	P	9/30/2019	JE	2674	399	1707347	10/7/2019	(51,117.04)	-	(38,424.68)	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5234	293074	9	P	9/30/2019	JE	2674	147	1707347	10/7/2019	51,117.04	-	38,424.68	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5234	293074	9	P	9/30/2019	JE	2678	147	1707462	10/7/2019	51,117.04	-	38,424.68	0	MDUR 9-19	MDUR Cross Charge 29995
47	4760500	5234	293074	12	P	12/31/2019	JE	3262	148	1734540	1/8/2020	21,578.62	-	16,220.65	0	MDUR 12-19	MDUR Cross Charge 29995
47	4760500	5912	293077	1	P	1/31/2019	JE	1131	947	1639688	2/8/2019	102.99	-	77.42	0	Other 1-19	MDUR Cross Charge 20767
47	4760500	5912	293077	1	P	1/31/2019	JE	1134	374	1639816	2/8/2019	3,101.58	-	2,331.46	0	MDUR 1-19	MDUR Cross Charge 29995
47	4760500	5912	293077	3	P	3/31/2019	JE	1503	155	1654195	4/5/2019	1,488.99	-	1,119.27	0	MDUR 3-19	MDUR Cross Charge 29995

Comp Business											WA			Units	Explanation 1	Explanation 2	
any	Unit	Object	Subsidiary	Per	Post	GL Date	Type	Doc Num	Line #	Batch Num	Batch Date	Amount	Direct				WA Allocated
47	4760500	5912	293077	4	P	4/30/2019	JE	1671	145	1662373	5/7/2019	1,048.39	-	788.07	0 MDUR 4-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	5	P	5/31/2019	JE	1852	133	1671355	6/7/2019	724.14	-	544.34	0 MDUR 5-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	7	P	7/31/2019	JE	2223	145	1689578	8/7/2019	492.75	-	370.40	0 MDUR 7-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	8	P	8/31/2019	JE	2437	155	1698704	9/9/2019	146.00	-	109.75	0 MDUR 8-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	9	P	9/30/2019	JE	2674	162	1707347	10/7/2019	109.50	-	82.31	0 MDUR 9-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	9	P	9/30/2019	JE	2674	414	1707347	10/7/2019	(109.50)	-	(82.31)	0 MDUR 9-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	9	P	9/30/2019	JE	2678	162	1707462	10/7/2019	109.50	-	82.31	0 MDUR 9-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	10	P	10/31/2019	JE	2836	370	1716714	11/7/2019	82.30	-	61.86	0 Other 10-19	MDUR Cross Charge 20970	
47	4760500	5912	293077	10	P	10/31/2019	JE	2840	154	1716783	11/7/2019	2,503.69	-	1,882.02	0 MDUR 10-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	11	P	11/30/2019	JE	3020	140	1724547	12/6/2019	2,190.00	-	1,646.22	0 MDUR 11-19	MDUR Cross Charge 29995	
47	4760500	5912	293077	12	P	12/31/2019	JE	3262	161	1734540	1/8/2020	2,222.85	-	1,670.92	0 MDUR 12-19	MDUR Cross Charge 29995	
												<b>466,104.05</b>	<b>-</b>	<b>350,370.42</b>			

Line items are from AWEC-5.xlsx

*Washington Utilities and Transportation Commission*  
**v.**  
*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Due: November 13, 2020**

**Request No. 55**

Date prepared: 11-6-2020

Preparer(s): Tony Durado and Isaac Myhrum

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 55 TO CASCADE:**

**Cost of Debt**

Reference Cascade Data Request 27: Has Cascade issued the debt identified in the referenced request? If yes, please identify the terms of the issuance in a format similar to AWEC-26. If no, please state when Cascade expects to issue the debt, and identify its current expectation for the interest rate of the issuance.

**Response:**

Yes, Cascade has retired and replaced the existing debt in the terms described in AWEC-27. Please see AWEC-55.xlsx.

*Washington Utilities and Transportation Commission*  
v.  
*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 62**

Date prepared: November 12, 2020

Preparer: Scott Wanner

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 62 TO CASCADE:**

**Proforma Plant Additions**

Reference Cascade's Response to AWEC DR 3:

- a. Has the Wallula Gate Project been placed into service?
- b. Has the Walla Walla Gate Project been placed into service?
- c. Has the Walla Walla 6" in Distribution Project been placed into service?
- d. Has the Mount Vernon Reg Station been placed into service?
- e. Has the Gibraltar 4" PE Main Reinforcement been placed into service?
- f. Has the Othello Gate project been placed into service?
- g. Has the Bellingham 8" HP project been placed into service?
- h. Has the Kennewick Odorizer Project been placed into service?
- i. Has the Moses Lake reinforcement project been placed into service?

**Response:** See file AWEC-62, 63, 65 Data.xlsx [Column E].

*Washington Utilities and Transportation Commission*  
v.  
*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 64**

Date prepared: November 13, 2020

Preparer: Scott Wanner

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 64 TO CASCADE:**

**Removal Costs**

Please provide the amount of removal costs by FERC account over the period 2015 through 2019.

**Response:**

See file AWEC-64.xlsx

Sum of Amount Company Description	Ledger Type	Ferc Minor	Situs State	Ferc Major	Year					Grand Total
					2015	2016	2017	2018	2019	
Cascade Natural Gas	UW	367	WA	108			5,230.95			5,230.95
Cascade Natural Gas	UW	369	WA	108		2,282.20				2,282.20
Cascade Natural Gas	UW	376	WA	108	601,668.85	431,382.11	816,652.64	692,326.69	666,732.65	3,208,762.94
Cascade Natural Gas	UW	378	WA	108	19,112.36	35,206.68	263,028.67	70,015.97	300,692.11	688,055.79
Cascade Natural Gas	UW	380	WA	108	678,841.30	633,126.57	891,185.83	1,044,299.21	1,072,003.42	4,319,456.33
Cascade Natural Gas	UW	381	AS	108		151,015.25	141,775.00	(237,946.01)	1,486,842.96	1,541,687.20
Cascade Natural Gas	UW	382	WA	108	1,399.22	553.69	1,429.84			3,382.75
Cascade Natural Gas	UW	383	AS	108	7,295.26			(0.02)		7,295.24
Cascade Natural Gas	UW	385	WA	108	8,545.84	18,471.99	11,960.81	26,215.89	24,722.96	89,917.49
Cascade Natural Gas	UW	390	WA	108			11,826.02	179,079.16	3,688.42	194,593.60
Cascade Natural Gas	UW	392	WA	108	154.13	608.57	7,462.00		-	8,224.70
Cascade Natural Gas	UW	396	WA	108				(1,796.25)		(1,796.25)
Cascade Natural Gas	UW	397	WA	108	1,740.78		(1,098.21)			642.57
<b>Cascade Natural Gas</b>	<b>UW Total</b>				<u>1,318,757.74</u>	<u>1,272,647.06</u>	<u>2,149,453.55</u>	<u>1,772,194.64</u>	<u>3,554,682.52</u>	<u>10,067,735.51</u>
<b>Cascade Natural Gas</b>	<b>Total</b>				<u>1,318,757.74</u>	<u>1,272,647.06</u>	<u>2,149,453.55</u>	<u>1,772,194.64</u>	<u>3,554,682.52</u>	<u>10,067,735.51</u>
<b>Grand Total</b>					1,318,757.74	1,272,647.06	2,149,453.55	1,772,194.64	3,554,682.52	10,067,735.51

*Washington Utilities and Transportation Commission*  
**v.**  
*Cascade Natural Gas Corporation*  
**Alliance Western Energy Consumers**  
**UG-200568**

**Request No. 69**

Date prepared: 11/2/2020

Preparer: Chris Ryan

Contact: Christopher Mickelson

Email: Christopher.Mickelson@cngc.com

Telephone: 509-734-4549

**AWEC DR 69 TO CASCADE:**

**Wages**

Please state Cascade's labor capitalization rate in calendar year 2019.

**Response:**

22.40% (Straight-time Capitalized Labor)

79.60% (Straight-time O&M labor)