

Exhibit No. __ (MCP-6)
2020 Plant Additions
Witness: Maryalice C. Peters

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,
Complainant,

v.

CASCADE NATURAL GAS
CORPORATION,

Respondent.

CASCADE NATURAL GAS CORPORATION

EXHIBIT OF MARYALICE C. PETERS

2020 PLANT ADDITIONS

6/19/2020

Cascade Natural Gas
Proposed Plant Additions
12 Months ended December 31, 2019

(A)	(B)	(C)	(D)	(E)	(F)=(D)*(E)	(G)	(H)	(I)	
Line No.	Function	Funding Project - Description	Account No.	2020 Total - The Company's budget and plant accounting software	WA Alloc	WA	Proposed Adjustment	Notes	Estimated In-Service Date
1	Gas Intangible	FP-101480 UG Implement Maximo Ph 1 CNG Direct	303.00	205,921.33		205,921.33			12/31/2020
2	Gas Intangible	FP-200663 UG-GIS Enhancements CNGC	303.00	87,032.79	75.17%	65,422.55			12/1/2020
3	Gas Intangible	FP-302596 WALLULA GATE; GTN	303.00	5,648,475.00		5,648,475.00	5,648,475.00	2	8/31/2020
4	Gas Intangible	FP-302621 LV CUSTOMER WEB SITE - DIRECT	303.00	50,930.43	75.17%	38,284.40			12/31/2020
5	Gas Intangible	FP-306998 SOUTH WALLA GATE-WILLIAMS COS'	303.00	746,233.00		746,233.00	746,233.00	4	11/20/2020
6	Gas Intangible	FP-316019 UG GIS ESRI UPGRADE - CNG DIRECT	303.00	346,857.72	75.17%	260,732.95			12/31/2022
7	Gas Intangible	FP-316047 UG GIS LANDBASE - CNG DIRECT COS	303.00	35,994.87	75.17%	27,057.34			2/15/2020
8	Gas Intangible	FP-316102 UG-GIS Pipeline Inspection System	303.00	158,747.54	75.17%	119,330.53			6/30/2020
9	Gas Intangible	FP-316182 UG 2018 CC&B UPGRADE - CNG DIREC	303.00	670,450.44	75.17%	503,977.60			1/31/2019
10	Gas Intangible	FP-316269 UG WEBLOGIC FOR JDE - CNG DIRE	303.00	21,082.90		21,082.90			8/30/2020
11	Gas Intangible	FP-316284 GIS High Acc Trans Line Surv Enhanc	303.00	155,972.76	75.17%	117,244.72			12/31/2020
12	Gas Intangible	FP-316289 PowerPlan Lease CNG	303.00	(450.01)		(450.01)			4/30/2020
13	Gas Intangible	FP-316361 UG 2018 SCADA ENHANCE-CNG DIREC	303.00	69,223.05	75.17%	52,034.97			12/31/2023
14	Gas Intangible	FP-316451 UG Purch RabMQ Software CNG Direct	303.00	15,422.61		15,422.61			4/30/2020
15	Gas Intangible	FP-317101 UG-JDEdwards AS400 to Oracle DB	303.00	63,738.72	75.17%	47,912.40			9/30/2020
16	Gas Intangible	FP-317322 ARLINGTON GATE UPGR; WILLIAMS C	303.00	882,417.45		882,417.45	882,417.45	11	6/30/2020
17	Gas Intangible	FP-317617 UG-Migrate Align CNG Direct	303.00	8,476.31	75.17%	6,371.64			1/12/2020
18	Gas Intangible	FP-318808 GR-OTHELLO-GT-OTHELLO GATE NW	303.00	858,122.00		858,122.00	858,122.00	21	11/30/2020
19	Gas Intangible	FP-318822 Impl myWorld Leak Survey at CNGC	303.00	136,867.86		136,867.86			5/31/2020
20	Gas Intangible	FP-318846 UG-Impl 2Ring Dashboard for CSC-CNG	303.00	26,509.60	75.17%	19,927.27			5/1/2020
21	Gas Intangible	FP-318893 UG-Impl GIS Offline Mobile Maps-CNG	303.00	27,529.20	75.17%	20,693.70			10/15/2020
22	Gas Intangible	FP-318987 GR-OTHELLO-NWP LAT FA COSTS	303.00	4,731,395.00		4,731,395.00	4,731,395.00	23	11/30/2020
23	Total Intangible Plant			14,946,950.57		14,524,477.20	12,866,642.45		
24	RESULTS OF OPERATIONS SUMMARY SHEET								
25	Gas Distribution	FP-101163 Gas Work Equipment-CNGC	396.00	481,087.24	75.17%	361,633.28			12/31/2020
26	Gas Distribution	FP-101164 IT Network Equipment-CNG	397.00	290,586.04	75.17%	218,433.53			12/31/2020
27	Gas Distribution	FP-101191 - MAIN-REINFORCE-WASHINGTON	376.00	36,096.40		36,096.40			4/25/2020
28	Gas Distribution	FP-101192 - MAIN-RELO-REPL-WASHINGTON	376.00	55,032.54		55,032.54			9/1/2020
29	Gas Distribution	FP-101194-Reg Station Growth Washngom	378.00	611,717.00		611,717.00	611,717.00	27	12/31/2020
30	Gas Distribution	FP-101196 - R STA-RELO-REPL-WASHINGTON	378.00	650,533.54		650,533.54			10/15/2020
31	Gas Distribution	FP-101197 - SERV-GROWTH-WASHINGTON	380.00	62.76		62.76			11/1/2020
32	Gas Distribution	FP-101200 - IND M&R-GROWTH-WASHINGTON	385.00	40,010.83		40,010.83			12/16/2020
33	Gas Distribution	FP-101201 - IND M&R-REMOVE&REPL-WASHING	385.00	21,467.70		21,467.70			5/30/2020
34	Gas Distribution	FP-101210 Gas Meters-Total Company CNGC	381.00	3,919,185.28	75.17%	2,946,051.57	2,946,051.57	28	12/31/2020
35	Gas Distribution	FP-101215 Gas Vehicles-CNGC	392.00	2,180,374.04	75.17%	1,638,987.17			12/31/2020
36	Gas Distribution	FP-101259 Gas Regulators-Total Company CNGC	383.00	1,320,143.48	75.17%	992,351.85			12/31/2020
37	Gas Distribution	FP-101275 - SERV-RELO-REPL-WASHINGTON	380.00	31,924.36		31,924.36			11/1/2020
38	Gas Distribution	FP-101413GP BUILDINGS - WALLAWALLA	390.00	124,289.24		124,289.24			12/31/2020
39	Gas Distribution	FP-101416GP TOOLS - WALLAWALLA	394.00	4,282.32		4,282.32			12/31/2020
40	Gas Distribution	FP-200043 RPL 8" TRANSMISSION BELFAIR	367.00	7,616.94		7,616.94			12/31/2020
41	Gas Distribution	FP-200662 Personal Computers & Peripherals	391.00	54,854.48	75.17%	41,234.11			12/31/2020
42	Gas Distribution	FP-300233 - ARLINGTON 6" HP REINFORCEMENT	376.00	2,757,265.26		2,757,265.26	2,757,265.26	1	6/30/2020
43	Gas Distribution	FP-302369 - GB - GROUNDBED WASHINGTON	376.00	747,641.35		747,641.35			3/1/2020
45	Gas Distribution	FP-306980 ERT Replacement 2020	381.00	363,466.80	75.17%	273,217.99			12/31/2020
46	Gas Distribution	FP-306988 - Walla Walla Mains High Press Steel	376.00	3,360,413.00		3,360,413.00	3,360,413.00	3	11/30/2020
47	Gas Distribution	FP-309960 Anacortes Upgrade	367.00	2,363,557.25		2,363,557.25			11/30/2022
48	Gas Distribution	FP-312009 - RP;R-130 (R-25) BURBANK	378.00	20,008.89		20,008.89			1/31/2020
49	Gas Distribution	FP-316027 C/M RPL, 2" HP, NOOKSACK; 732'	376.00	179,168.59		179,168.59			12/31/2020
50	Gas Distribution	FP-316033 C/M RPL, 3" HP; ZILLAH; 873'	376.00	239,545.87		239,545.87			12/31/2020
51	Gas Distribution	FP-316034 - MAOP; 8" HP; OTHE; 11,500' W LEE RI	376.00	112,657.85		112,657.85			11/30/2020
52	Gas Distribution	FP-316035 C/M RPL, 4" HP; ARLINGTON; 4,700'	376.00	1,321,132.35		1,321,132.35			12/31/2020
53	Gas Distribution	FP-316043 MAOP; 8" HP; BELLINGHAM; 1,800'	376.00	588,710.21		588,710.21			12/1/2020
54	Gas Distribution	FP-316044 C/M RPL, 8" HP; BREMERTON; 7,373'	376.00	1,714,110.95		1,714,110.95			12/31/2020
55	Gas Distribution	FP-316046 - MAOP; 8" HP; YAKI; 4,500' YAKIMA R	376.00	490,462.48		490,462.48			7/30/2020
56	Gas Distribution	FP-316146 RP; R-178 (R-137) FERNDALE	378.00	17,894.23		17,894.23			4/30/2020
57	Gas Distribution	FP-316403 CRM; 6" ST; TOPPENISH; 800'	376.00	517,249.44		517,249.44			12/1/2020
58	Gas Distribution	FP-316429 - RF; 6" HP; ABER; 12,500' BASICH BLV	376.00	4,257,740.00		4,257,740.00	4,257,740.00	5	7/30/2020
59	Gas Distribution	FP-316570 C/M RPL, 12" STL HP. LONG/KELSO PH	376.00	3,462,856.75		3,462,856.75			11/30/2020
60	Gas Distribution	FP-316580 C/M RPL, 2.6,8" HP; ANACORTES; PH3	376.00	1,079,817.45		1,079,817.45			6/30/2020
61	Gas Distribution	FP-316586 - RP; R-187 ARLINGTON GATE	378.00	1,015,615.47		1,015,615.47	1,015,615.47	6	12/31/2020
62	Gas Distribution	FP-316587 - RF; WALLULA GATE; R-127 & O-14	378.00	1,308,260.44		1,308,260.44			8/31/2020
63	Gas Distribution	FP-316589 RF; S WALLA GATE; R-4 & O-2	376.00	1,160,244.89		1,160,244.89			7/31/2020
64	Gas Distribution	FP-316670 - RF; 12" HP; KENN; WALLULA HP LINI	376.00	9,795,152.00		9,795,152.00	9,795,152.00	9	8/31/2020
65	Gas Distribution	FP-316822 - RP; O-4(O-4) LAWR; DIRINJECT	378.00	77,932.33		77,932.33			1/30/2020
66	Gas Distribution	FP-316823 - RP; O-12(O-5) DEMI; DIRINJECT	378.00	77,959.74		77,959.74			1/30/2020
67	Gas Distribution	FP-316923 - C/M RPL 8" MARCH POINT LINE PHAS	367.00	2,438,636.93		2,438,636.93			11/30/2020
68	Gas Distribution	FP-317060 - FRL; 10" HP; BELL; 2900' STATEBRIDG	376.00	1,526,471.05		1,526,471.05	1,526,471.05	10	1/20/2020
69	Gas Distribution	FP-317519 RP; 2" ST; SHELTON; 7,034' PH 3 SEC	376.00	441,993.69		441,993.69			3/30/2020
70	Gas Distribution	FP-317528 RP; 3/4" SL; SHELTON; PH 3 SEC 1 SE	380.00	100,949.38		100,949.38			3/30/2020
71	Gas Distribution	FP-317535 GR; R-128 BURB;TIE-IN TO ATTAL	378.00	136,928.00		136,928.00	136,928.00	12	8/31/2020
72	Gas Distribution	FP-317609 GR; R-80 ABER; BASICH BLV	378.00	324.69		324.69			6/30/2020
73	Gas Distribution	FP-317628 MAIN-GROWTH-WALLA WALLA DISTI	376.00	639,913.04		639,913.04	639,913.04	27	12/31/2020
74	Gas Distribution	FP-317629 MAIN-REPLACE-WALLA WALLA DISTI	376.00	122,698.76		122,698.76			12/31/2020
75	Gas Distribution	FP-317630 SERV-GROWTH-WALLA WALLA DISTI	380.00	951,862.52		951,862.52	951,862.52	27	12/31/2020
76	Gas Distribution	FP-317631 SERV-REPLACE-WALLA WALLA DISTI	380.00	72,198.24		72,198.24			12/31/2020
77	Gas Distribution	FP-317632 MAIN-GROWTH-WENATCHEE DISTRIC	376.00	79,311.00		79,311.00	79,311.00	27	12/31/2020
78	Gas Distribution	FP-317633 MAIN-REPLACE-WENATCHEE DISTRIC	376.00	35,499.24		35,499.24			12/31/2020
79	Gas Distribution	FP-317634 SERV-GROWTH-WENATCHEE DISTRIC	380.00	133,027.99		133,027.99	133,027.99	27	12/31/2020
80	Gas Distribution	FP-317635 SERV-REPLACE-WENATCHEE DISTRIC	380.00	75,135.57		75,135.57			12/31/2020
81	Gas Distribution	FP-317636 MAIN-GROWTH-YAKIMA DISTRICT	376.00	800,173.40		800,173.40	800,173.40	27	12/31/2020
82	Gas Distribution	FP-317637 MAIN-REPLACE-YAKIMA DISTRICT	376.00	270,033.86		270,033.86			12/31/2020
83	Gas Distribution	FP-317638 SERV-GROWTH-YAKIMA DISTRICT	380.00	1,330,260.00		1,330,260.00	1,330,260.00	27	12/31/2020
84	Gas Distribution	FP-317639 SERV-REPLACE-YAKIMA DISTRICT	380.00	65,462.16		65,462.16			12/31/2020
85	Gas Distribution	FP-317640 MAIN-GROWTH-ABERDEEN DISTRIC	376.00	484,622.40		484,622.40	484,622.40	27	12/31/2020
86	Gas Distribution	FP-317641 MAIN-REPLACE-ABERDEEN DISTRIC	376.00	149,164.20		149,164.20			12/31/2020
87	Gas Distribution	FP-317642 SERV-GROWTH-ABERDEEN DISTRIC	380.00	447,800.60		447,800.60	447,800.60	27	12/31/2020
88	Gas Distribution	FP-317643 SERV-REPLACE-ABERDEEN DISTRIC	380.00	74,578.68		74,578.68			12/31/2020
89	Gas Distribution	FP-317644-MAIN-GROWTH-BELLINGHAM DISTRI	376.00	1,294,473.18		1,294,473.18	1,294,473.18	27	12/31/2020

Cascade Natural Gas Proposed Plant Additions 12 Months ended December 31, 2019

Table with columns: (A) Line No., (B) Function, (C) Funding Project - Description, (D) Account No., (E) 2020 Total - The Company's budget and plant accounting software, (F) WA Alloc, (G) WA, (H) Proposed Adjustment, (I) Notes, (J) Estimated In-Service Date. Rows include various gas distribution and general function entries with associated costs and dates.

Cascade Natural Gas
Proposed Plant Additions
12 Months ended December 31, 2019

(A)	(B)	(C)	(D)	(E)	(F)=(D)*(E)	(G)	(H)	(I)	
Line No.	Function	Funding Project - Description	Account No.	2020 Total - The Company's budget and plant accounting software	WA Alloc	WA	Proposed Adjustment	Notes	Estimated In-Service Date
179	Gas General	FP-319098 Rplc Ovrhd Shop Door Walla Walla	390.00	3,958.80		3,958.80			11/6/2020
180	Gas General	FP-319100 Purch Threading Machine Walla Walla	394.00	4,282.32		4,282.32			5/5/2020
181	Gas General	FP-319101 Pur Xindble Sqzue Tool Walla Walla	394.00	3,059.82		3,059.82			5/5/2020
182	Gas General	FP-319102 Purch Storage Cabinet Walla Walla	391.00	2,447.04		2,447.04			4/10/2020
183	Gas General	FP-319120 Instl Cement Floor Barn Walla Walla	390.00	2,039.20		2,039.20			11/20/2020
184	Gas General	FP-319132 Purch Swamp Cooler Wld Shp Wla Wla	398.00	2,039.20		2,039.20			6/15/2020
185	Gas General	FP-319143 Purch 2 Squeeze Tools Walla Walla	394.00	15,905.76		15,905.76			11/5/2020
186	Gas General	FP-319146 OFFICE REMODEL	390.00	100,372.18		100,372.18			2/18/2020
187	Gas General	FP-319147 Purchase Air Compressor Walla Walla	394.00	2,039.20		2,039.20			5/15/2020
188	Gas General	FP-319284 12" Mueller Shell Cutter and Stoppe	394.00	5,534.02	75.17%	5,534.02			1/15/2020
189	Gas General	FP-319289 PURCHASE FUME EXTRACTOR BREM	394.00	6,159.10		6,159.10			2/29/2020
190		Total Distribution Plant		4,122,994.17		4,122,994.17	1,064,539.08		
191		Total		107,587,702.27		107,165,228.90	66,105,637.28		

192 Notes:

	FERC Acct	Budgeted 2019 Investment	Depr. Rate UG-150762	Depreciation Expense
193				
194	C	12,762,873.22		
195		303	12,866,642.45	12.81
196		367	0.00	1.82
197		374	0.00	1.88
198		376	32,435,932.02	1.25
199		378	4,603,625.60	1.92
200		380	12,188,846.56	3.88
201		381	2,946,051.57	2.27
202		382	0.00	1.86
203		383	0.00	2.32
204		385	0.00	2.18
205		390	1,064,539.08	1.24
206		391	0.00	0.05
207		392	0.00	6.15
208		394	0.00	3.56
209		396	0.00	5.18
210		397	0.00	0.13
211		Totals	66,105,637.28	2,695,058.56
212				0.040768967
213				0.00

**Cascade Natural Gas
Summary of Proposed Plant Additions
12 Months ended December 31, 2019**

<u>Note:</u>	<u>Funding Project #</u>	<u>Brief Summary</u>
1	300233	The Arlington Gate Project includes upgrading the existing Arlington Gate station, taking over regulation from NWP, and upgrading the outlet pipe from the station to meet current winter capacities and to accommodate increased gas load in the Arlington system.
2	302596	The Wallula Gate Project includes installing a new gate station at the southernmost point of the Company's Attalia pipeline. The current feed to the Attalia line is to the far north and is undersized to handle the largest load on the line at the southern end. This new gate station and HP pipeline will bring a new feed and HP pipe closer to the large loads in the southern system.
3	306988	See FP-306998.
4	306998	The Walla Walla Gate Station Project is a reinforcement project designed to eliminate the need for the district to bypass during cold weather events and to address the supply issues presented by the ongoing growth in the southern area of Walla Walla. events. This area is the outer edge of the Walla Walla distribution system, farthest from existing high-pressure pipelines and regulation.
5	316429	The Aberdeen 6" HP Project includes installing two miles of 6" HP steel pipe that will provide a second feed to the City of Aberdeen. This project will increase capacity of the Aberdeen system to meet current winter capacity constraints and enable future expansion near the Aberdeen Port.
6	316586	See FP-300233
7	316587	See FP-302596.
8	316589	See FP-306998.
9	316670	See FP-302596.
10	317060	The Bellingham 8" HP Project involved relocating the existing 10" HP main attached to the Bellingham State Street Bridge due to the City of Bellingham rebuilding the State Street Bridge. The project was started in early 2019, and the project was completed in January 2020.
11	317322	See FP-300233
12	317535	See FP-302596.
13	318352	The Bremerton Office Project includes remodeling the existing district office located at 6313 Kitsap Way, Bremerton, Washington, 98312. The office remodel is necessary to accommodate added district staff and to reconfigure the outdated space to better meet the current needs of the district operations.
14	318482	The Moses Lake 4" PE project includes installing approximately 1,800 feet of new 4" PE pipe to loop the northwestern Moses Lake system and improving the pressures to above design criteria during peak usage. This system reinforcement will also improve capacity to allow for ongoing growth in this area of Moses Lake.
15	318566	Bremerton Reg Station Project includes installing one new regulator station to eliminate five smaller regulator stations that are difficult to access and maintain and have a history of leaks.

**Cascade Natural Gas
Summary of Proposed Plant Additions
12 Months ended December 31, 2019**

<u>Note:</u>	<u>Funding Project #</u>	<u>Brief Summary</u>
16	318588	The Gibraltar 4" PE Project includes installing approximately 2,800 feet of 4" PE main. The existing 2" steel main is undersized for the area and represents a bottleneck in the system that will be resolved by increasing the pipe size in this area.
17	318690	The Walla Walla 6" Distribution Project is needed to reinforce the existing 4" gas main that has reached maximum capacity based on current models and historic gas usage. The project includes installing approximately 1,800 feet of new 6" gas main to loop with the 4" main.
18	318742	The Mount Vernon Reg Station Project includes replacement and relocation of two existing pressure regulation stations and metering equipment in Anacortes, Washington. The replacement of these stations is necessary due to equipment maintenance issues, accessibility of the stations, and the existing facilities being undersized for the increased load in the area.
19	318746	See FP-306998.
20	318747	See FP-306998.
21	318808	See FP-318987
22	318829	See FP-318987
23	318987	The Othello Gate Station Project includes upgrading the gate station equipment to accommodate the increase in the NWP Othello lateral pipe and pressure. These upgrades are required due to insufficient capacity in the lateral and at the gate station to accommodate increased industrial load and overall historical flows.
24	319056	Replacing a vintage odorizer with obsolete parts with a new odorizer that performs correctly and can be safely maintained. Richland
25	319063	Replacing a vintage odorizer with obsolete parts with a new odorizer that performs correctly and can be safely maintained. Kennewick
26	319072	The Richland Keene Rd Project includes installing approximately 1.7 miles of 6" PE and 6" HP steel along Keene Rd following a road expansion project. This project will include the Keene Rd pressure increase needed for the existing steel pipe from R-104 to the beginning of this Keene Rd install. Design is complete, and construction is underway and a portion of the project is expected to be completed in early summer 2020.
27	Blanket-Growth	Blanket growth work orders. These projects are know to improve system dependability (i.e. gas deliverability) in an area without the specific intent to add known new customers. Some projects are construction of new system assets (mains, services, etc.) to deliver gas to known/identified new customers
28	Blanket-RF/REPL	Blanket work orders. These projects are routine in nature and typically have offsetting benefits. Some Funding projects are for forced relocates. A forced relocate is where the city or municipality requires Cascade to move facilities under the franchise agreement.