

Exhibit No. __ (MPP-12)
2017 Plant Additions
Witness: Michael P. Parvinen

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,
Complainant,

v.

CASCADE NATURAL GAS
CORPORATION,

Respondent.

DOCKET UG-170929

CASCADE NATURAL GAS CORPORATION

EXHIBIT OF MICHAEL P. PARVINEN

2017 PLANT ADDITIONS

3/23/2018

Line No.	Function	Funding Project - Description	Account No.	2017 Total - Figures exported from "Power Plan" the company's budget and plant accounting software	WA Alloc	WA	Proposed Adjustment	Notes	
1	Gas Intangible	FP-101472 - UG-PIM Installation	303.00	1,344,204.92	77.24%	1,038,263.88	1,038,263.88	7	
2	Gas Intangible	FP-101481 - UG-GPS Based Leak Survey - Replac	303.00		77.24%	0.00		o	
3	Gas Intangible	FP-101510 - UG GMS PURCHASE SOFTWARE	303.00	22,376.35	77.24%	17,283.49	17,283.49	9	
4	Gas Intangible	FP-200028 - UG AUTO TEST CNG DIRECT	303.00		77.24%	0.00		o	
5	Gas Intangible	FP-200064 - UG-Customer Self-Service Web/IVR	303.00		77.24%	0.00		o	
6	Gas Intangible	FP-200663 - UG-GIS Enhancements	303.00	202,536.92	77.24%	156,439.52	156,439.52	35	
7	Gas Intangible	FP-301813 - UG-GAS SCADA System Enhancements	303.00		77.24%	0.00		o	
8	Gas Intangible	FP-302571 - UG-CC&B Upgrade to v2.4	303.00	263,110.37	77.24%	203,226.45	203,226.45	41	
9	Gas Intangible	FP-302579 - Upgrade CyberSecurity Environment	303.00	86,446.06	77.24%	66,770.94	66,770.94	42	
10	Gas Intangible	FP-302616 - UG-Taleo-Human Capital Management	303.00		77.24%	0.00	0.00	43	
11	Gas Intangible	FP-302621 - LV Customer Website	303.00		77.24%	0.00		o	
12	Gas Intangible	FP-311939 - UG-PCAD Upgrade to v6.5	303.00	248,923.17	77.24%	192,268.26	192,268.26	44	
13	Gas Intangible	FP-315501 - UG-JDE Corporate Consolidation	303.00		77.24%	0.00	0.00	45	
14	Gas Intangible	FP-315524 - UG-PowerPlan Lease Module	303.00		77.24%	0.00	0.00	46	
15	Gas Intangible	FP-315723 - UG PS&I Enterprise Asset Mgmt CNG	303.00		PS&I				
16	Total Intangible Plant			2,167,597.79		1,674,252.53	1,674,252.53	1,038,263.88	
17	RESULTS OF OPERATIONS SUMMARY SHEET								
18	Gas Distribution	FP-101170 - MAIN-GROWTH-OREGON							
19	Gas Distribution	FP-101171 - MAIN-REINFORCE-OREGON							
20	Gas Distribution	FP-101172 - MAIN-RELO-REPL-OREGON							
21	Gas Distribution	FP-101173 - R STA-GROWTH-OREGON							
22	Gas Distribution	FP-101175 - R STA-RELO-REPL-OREGON							
23	Gas Distribution	FP-101176 - SERV-GROWTH-OREGON							
24	Gas Distribution	FP-101177 - SERV-RELO-REPL-OREGON							
25	Gas Distribution	FP-101178 - STD M&R-GROWTH-OREGON							
26	Gas Distribution	FP-101179 - STD M&R-RELO-REPL-OREGON							
27	Gas Distribution	FP-101180 - IND M&R-GROWTH-OREGON							
28	Gas Distribution	FP-101181 - IND M&R-REMOVE&REPLACE-OREGON							
29	Gas Distribution	FP-101190 - MAIN-GROWTH-WASHINGTON	376.00			0.00		g	
30	Gas Distribution	FP-101191 - MAIN-REINFORCE-WASHINGTON	376.00	187,696.32		187,696.32	187,696.32	b	
31	Gas Distribution	FP-101192 - MAIN-RELO-REPL-WASHINGTON	376.00	849,833.88		849,833.88	849,833.88	b	
32	Gas Distribution	FP-101194 - R STA-GROWTH-WASHINGTON				0.00		g	
33	Gas Distribution	FP-101196 - R STA-RELO-REPL-WASHINGTON	378.00	145,337.86		145,337.86	145,337.86	l	
34	Gas Distribution	FP-101197 - SERV-GROWTH-WASHINGTON	380.00			0.00		g	
35	Gas Distribution	FP-101198 - STD M&R-GROWTH-WASHINGTON	385.00			0.00		g	
36	Gas Distribution	FP-101199 - STD M&R-RELO-REPL-WASHINGTON	385.00	722,791.51		722,791.51	722,791.51	l	
37	Gas Distribution	FP-101200 - IND M&R-GROWTH-WASHINGTON	385.00			0.00		g	
38	Gas Distribution	FP-101201 - IND M&R-REMOVE&REPL-WASHIN	385.00	126,395.45		126,395.45	126,395.45	b	
39	Gas Distribution	FP-101210 - PRE-CAP MTR-GROWTH-INTERSTAT			77.24%	0.00		g	
40	Gas Distribution	FP-101259 - PRE-CAP REG-GROWTH-INTERSTAT			77.24%	0.00		g	
41	Gas Distribution	FP-101275 - SERV-RELO-REPL-WASHINGTON	380.00	461,898.97		461,898.97	461,898.97	l	
42	Gas Distribution	FP-200080 - RF; 12" STEEL HP SHELTON	376.00			0.00		c	
43	Gas Distribution	FP-200122 - RP; R-58, ABERDEEN	378.00	(8,668.64)		(8,668.64)	(8,668.64)	19	
44	Gas Distribution	FP-200162 - RPL; 4" STEEL HP MAIN, PASCO	376.00			0.00		n	
45	Gas Distribution	FP-200282 - R STA - SUN RIVER GATE UPGRADE							
46	Gas Distribution	FP-200686 - CRM LONGVIEW PIPE REPLACEMENT				0.00		c	
47	Gas Distribution	FP-200687 - CRM ANACORTES PIPE REPLACEMENT				0.00		c	
48	Gas Distribution	FP-200688 - BEND PIPE REPL							
49	Gas Distribution	FP-200689 - MAOP RPL BEND HP LINE #1							
50	Gas Distribution	FP-200691 - CRM REL ZILLAH @ MEYERS BRIDGE RD				0.00		c	
51	Gas Distribution	FP-300346 - CRM/MAOP RPL; 12" STEEL HP, KELSO				0.00		c	
52	Gas Distribution	FP-300363 - CRM SHELTON PIPE REPLACEMENT				0.00		c	
53	Gas Distribution	FP-302369 - GB - GROUND BED WASHINGTON	376.00	163,366.01		163,366.01	163,366.01	24	
54	Gas Distribution	FP-302370 - GB - GROUND BED OREGON							
55	Gas Distribution	FP-302588 - HILDEBRAND BLVD 6" HP MAIN	376.00	1,629,345.19		1,629,345.19	1,629,345.19	20	
56	Gas Distribution	FP-302640 - 6" PILOT ROCK HP REPLACEMENT	376.00						
57	Gas Distribution	FP-302641 - 4" PILOT ROCK IP REINFORCEMENT	376.00						
58	Gas Distribution	FP-302648 - SOUTHRIDGE GATE STATION	378.00	1,694,181.59		1,694,181.59	1,694,181.59	8	
59	Gas Distribution	FP-302650 - O-4 UMA TILLA							
60	Gas Distribution	FP-302653 - BREMERTON R-64 REPLACE/RELOC	376.00	174,654.47		174,654.47	174,654.47	52	
61	Gas Distribution	FP-302663 - CRM/MAOP BELLINGHAM RMV BRC	376.00			0.00		c	
62	Gas Distribution	FP-302665 - RICHLAND 4" IP CANAL/HWY CROS	376.00			0.00	0.00	39	
63	Gas Distribution	FP-302714 - PENDLETON V-23 REPLACEMENT							
64	Gas Distribution	FP-303081 - LAND & LAND RIGHTS - WASHINGTON				0.00		g	
65	Gas Distribution	FP-303142 - PENDLETON PIPE REPLACEMENT							
66	Gas Distribution	FP-304020 - BELLINGHAM GATE UPGRADE				0.00		n	
67	Gas Distribution	FP-305740 - CRM College Place CARS Project	376.00			0.00		c	
68	Gas Distribution	FP-306100 - R-98, STANFIELD							
69	Gas Distribution	FP-306563 - REL/RE N RIM REPLACEMENT REDMOND							
70	Gas Distribution	FP-306982 - CRM VANCE CREEK EXPOSURE REPLACE				0.00		c	
71	Gas Distribution	FP-306983 - CRM CAMP CREEK EXPOSURE REPLACEMENT				0.00		c	
72	Gas Distribution	FP-306984 - STANWOOD REINFORCEMENT							
73	Gas Distribution	FP-306986 - CRM/MAOP 3" BURLINGTON HP LIN	376.00			0.00		c	
74	Gas Distribution	FP-306993 - PORT ORCHARD 4" PE REINFORCEM	376.00			0.00	0.00	o	
75	Gas Distribution	FP-306995 - OHELLO REYNOLDS RD REINFORC	376.00	100,320.89		100,320.89	100,320.89	15	
76	Gas Distribution	FP-306997 - MAOP 4" MADRAS HP LINE REPLACEMENT							



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77	Gas Distribution	FP-306999 - V-13 BREMERTON REPLACEMENT	376.00	14,616.22		14,616.22	14,616.22	53
78	Gas Distribution	FP-307002 - V-9 ABERDEEN REPLACEMENT	376.00	1,838.52		1,838.52	1,838.52	16
79	Gas Distribution	FP-307212 - CRM KELSO GRADE ST BRIDGE REL	376.00			0.00		c
80	Gas Distribution	FP-307221 - 8" YAKIMA HP PIPELINE				0.00		g
81	Gas Distribution	FP-309000 - 4 in Steel IP Bore Columbia Park	376.00	168,342.87		168,342.87	168,342.87	40
82	Gas Distribution	FP-309001 - CRM 2 IN STEEL IP BORE BELFAIR P	376.00			0.00		c
83	Gas Distribution	FP-309380 - MN; 6" PE Burlington to Bow	376.00			0.00		n
84	Gas Distribution	FP-311354 - DEEP WELL GB - YAKIMA	376.00	225.53		225.53	225.53	25
85	Gas Distribution	FP-311357 - DEEP WELL GB - ANACORTES	376.00	12,870.53		12,870.53	12,870.53	26
86	Gas Distribution	FP-311358 - DEEP WELL GB - WALLA WALLA	376.00	2,549.29		2,549.29	2,549.29	27
87	Gas Distribution	FP-311997 - 0-1 Ontario						
88	Gas Distribution	FP-311999 - 0-1 Mission						
89	Gas Distribution	FP-312000 - 0-2 Terrace Heights	378.00	63,181.44		63,181.44	63,181.44	37
90	Gas Distribution	FP-312005 - R-29 Nooksack	378.00	7,015.18		7,015.18	7,015.18	38
91	Gas Distribution	FP-312007 - R-19 Kennewick				0.00		21
92	Gas Distribution	FP-312013 - R-9 Weston	376.00					
93	Gas Distribution	FP-312014 - R-13 Umatilla						
94	Gas Distribution	FP-312036 - R-51 Pendleton						
95	Gas Distribution	FP-312041 - CRM 6" Nob Hill Replacement						
96	Gas Distribution	FP-312043 - CRM Kenn RR Cross Near Kamiakin						
97	Gas Distribution	FP-312044 - V-12 PORT ORCHARD						
98	Gas Distribution	FP-312076 - 0-2 FINLEY						
99	Gas Distribution	FP-313143 - V-89; Wenatchee 8" isolation valve	376.00	56,399.46		56,399.46	56,399.46	17
100	Gas Distribution	FP-313429 - 6" MN FORCED RELOCATE-HWY 372 CASCA						1
101	Gas Distribution	FP-313621 - FAMILY METER REPLACEMENT	381.00	540,259.50	77.24%	417,296.44	417,296.44	51
102	Gas Distribution	FP-314402 - FREESTONE BAYSIDE PHASE II	376.00			0.00		g
103	Gas Distribution	FP-314501 - Replace 844' of steel main	376.00	124,358.12		0.00	0.00	32
104	Gas Distribution	FP-314643 - 2" STL MN, RE 2 REG STATIONS - BE	376.00	96,566.06		96,566.06	96,566.06	33
105	Gas Distribution	FP-314963 - MAOP RPL 8" ANACORTES - SEG. 18	376.00			0.00	0.00	34
106	Gas Distribution	FP-314964 - MAOP RPL 8" MARCH POINT - 11C11	376.00			0.00	0.00	34
107	Gas Distribution	FP-315022 - R-64 SUNNYSIDE	378.00			0.00		g
108	Gas Distribution	FP-315122 - 6" 4" & 2" MAIN FOR WEST VILLAGE	376.00			0.00		g
109	Gas Distribution	FP-315143 - 2000' 6" Southridge Blvd Kennewick	376.00	264,511.63		264,511.63	264,511.63	2
110	Gas Distribution	FP-315144 - AUTOZONE CLS 349	378.00			0.00		g
111	Gas Distribution	FP-315222 - DEEP WELL GB - WENATCHEE		98,840.34		98,840.34	98,840.34	28
112	Gas Distribution	FP-315223 - DEEP WELL GB - PILOT ROCK						
113	Gas Distribution	FP-315224 - DEEP WELL GB - SHELTON		101,176.17		101,176.17	101,176.17	29
114	Gas Distribution	FP-315226 - DEEP WELL GB - BAKER CITY						
115	Gas Distribution	FP-315574 - REINFORCEMENT 4" NE BRINSON BLVD						
116	Gas Distribution	FP-315575 - 2" STEEL MAIN - BELLINGHAM	376.00	14,207.98		14,207.98	14,207.98	6
117	Gas Distribution	FP-315582 - Legends Casino MN & Reinforcement	376.00			0.00		g
118	Gas Distribution	FP-315607 - RF; 6" STEEL HP MAIN, KENNEWICK	376.00	5,196,436.28		5,196,436.28	5,196,436.28	14
119	Gas Distribution	FP-315610 - MN 4" PE JOHN STEVENS WAY HOQ	376.00			0.00		g
120	Gas Distribution	FP-315622 - Redmond R-30 Replacement	378.00					
121	Gas Distribution	FP-315634 - 2" PE MN - FERNDALE	376.00			0.00		g
122	Gas Distribution	FP-315637 - 6" 4" 2" 1" PE MN EXT TRIPLE RIDGE	376.00					
123	Gas Distribution	FP-315638 - IN MN @ BARKLEY DR VALE	376.00					
124	Gas Distribution	FP-315639 - Main 4", 2" & 1" PE Port Orchard	376.00			0.00		g
125	Gas Distribution	FP-315641 - CRM Vance Creek Replacement (#2)	376.00			0.00		c
126	Gas Distribution	FP-315655 - MN 2" PE-32SL Burlington	376.00			0.00		g
127	Gas Distribution	FP-315668 - 4323' of 2" & 1" pe main Pasco	376.00			0.00		g
128	Gas Distribution	FP-315671 - INSTALL MAIN WALLA WALLA	376.00	115,425.69		0.00	0.00	54
129	Gas Distribution	FP-315678 - RE/REL 4" Main IN SUNNYSIDE	376.00	94,306.18		94,306.18	94,306.18	22
130	Gas Distribution	FP-315693 - REL MN@NE PURCELL BLVD&NEFF BEND						
131	Gas Distribution	FP-315695 - INSTALL 4" MN COLLEGE PLACE	376.00			0.00		g
132	Gas Distribution	FP-315709 - RP; ZILLAH 6" TRAN	367.00	385,972.62		385,972.62	385,972.62	18
133	Gas Distribution	FP-315710 - YEW ST, PIPE REPLACEMENT	376.00	296,031.78		296,031.78	296,031.78	1
134	Gas Distribution	FP-315712 - DEEP WELL GB 1 - BELLINGHAM	376.00			120,291.64	120,291.64	30
135	Gas Distribution	FP-315713 - DEEP WELL GB 5 - BELLINGHAM	376.00	115,247.50		115,247.50	115,247.50	31
136	Gas Distribution	FP-315714 - INSTALL 2" ST ARO BORE SHELTON	376.00	173,264.09		173,264.09	173,264.09	36
137	Gas Distribution	FP-315731 - CRM RPL 2" STL MN - BELLINGHAM	376.00			0.00		c
138	Gas Distribution	FP-315733 - 3175' pf 2" & 1" PE main Kennewick	376.00			0.00		g
139	Gas Distribution	FP-315735 - Future Dev. Broadmoor & Burns Pasco	376.00			0.00		g
140	Gas Distribution	FP-315741 - MN RPL; 8" Kitsap HP Line	376.00	4,460.06		4,460.06	4,460.06	
141	Gas Distribution	FP-315776 - 2988' of 4" & 1" pe main Sunrise Ke	376.00			0.00		g
142	Gas Distribution	FP-315802 - WHITE BLUFFS PHASE 4	376.00			0.00		g
143	Gas Distribution	FP-315827 - 3195' of main into PH-3 Madison Pa	376.00			0.00		g
144	Gas Distribution	FP-315835 - INSTALL 4" PE MN MOXEE	376.00			0.00		g
145	Gas Distribution	FP-315843 - McCormick Woods Parcel D Phase II	376.00			0.00		g
146	Gas Distribution	FP-315850 - Forced MN Reloc@Nels Anderson Bend	376.00					
147	Gas Distribution	FP-315852 - 5969' & 900' of Main Aple Valley Ke	376.00			0.00		g
148	Gas Distribution	FP-315854 - CLEARWATER CREEK PHASE 4	376.00			0.00		g
149	Gas Distribution	FP-315859 - SUNDANCE ESTATES PHASE 1	376.00			0.00		g
150	Gas Distribution	FP-315861 - 5780' of 2" 640' 1" pe Linda Lov. P	376.00			0.00		g
151	Gas Distribution	FP-315894 - 10,700' of 6" & 800' 4" Reinforce Pasco	376.00	1,563,594.52		1,563,594.52	1,563,594.52	23
152	Gas Distribution	FP-315895 - GRAYHAWK PHASE 2	376.00			0.00		g
153	Gas Distribution	FP-315901 - 3639' & 180' of main Volterra Dev P	376.00			0.00		g
154	Gas Distribution	FP-315903 - 4725' & 170' into cherry creek Kenn	376.00			0.00		g



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155	Gas Distribution	FP-315935 - WESTCLIFFE PHASE 15						
156	Gas Transmissi	FP-200076 - MN - HANFORD DOE PRELIMINARY	376.00			0.00		o
157	Gas Transmissi	FP-309960 - RP 20" HP Anacortes Lateral	376.00			0.00		o
158		Total Distribution Plant		15,879,142.70		15,516,395.83	15,516,395.83	13,481,894.41
159	Gas General	FP-101163 - GP POWER EQUIP - INTERSTATE	396.00		77.24%	0.00		b
160	Gas General	FP-101164 - General Purpose Communication Equip	397.00		77.24%	0.00		b
161	Gas General	FP-101184 - GP TRAN. VEHICLE - OREGON						
162	Gas General	FP-101186 - GP POWER EQUIP - OREGON						
163	Gas General	FP-101204 - GP TRAN. VEHICLE - WASHINGTO	392.00			0.00		b
164	Gas General	FP-101206 - GP POWER EQUIP - WASHINGTON	396.00			0.00		b
165	Gas General	FP-101207 - GP COMM EQUIP - WASHINGTON	397.00			0.00		b
166	Gas General	FP-101213 - GP BUILDINGS - INTERSTATE	390.00		77.24%	0.00		b
167	Gas General	FP-101215 - GP TRAN. VEHICLE - INTERSTAT	392.00		77.24%	0.00		b
168	Gas General	FP-101216 - GP TOOLS - INTERSTATE	394.00		77.24%	0.00		b
169	Gas General	FP-101218 - GP TOOLS - BEND						
170	Gas General	FP-101237 - GP TOOLS - PENDLETON						
171	Gas General	FP-101261 - GP TOOLS - WENATCHEE	394.00			0.00		b
172	Gas General	FP-101266 - GP OFFICE EQUIP - INTERSTATE	391.00		77.24%	0.00		b
173	Gas General	FP-101285 - GP BUILDINGS - BELLINGHAM	390.00	91,082.09		91,082.09	91,082.09	13
174	Gas General	FP-101288 - GP TOOLS - BELLINGHAM	394.00	6,239.88		6,239.88	6,239.88	12
175	Gas General	FP-101344 - GP TOOLS - LONGVIEW	394.00			0.00		b
176	Gas General	FP-101359 - GP BUILDINGS - ABERDEEN	392.00	2,788.39		2,788.39	2,788.39	10
177	Gas General	FP-101362 - GP TOOLS - ABERDEEN	394.00	18,989.41		18,989.41	18,989.41	11
178	Gas General	FP-101395 - GP BUILDINGS - TRI - CITIES	392.00			0.00		b
179	Gas General	FP-101396 - GP OFFICE EQUIP - TRI - CITIES	391.00			0.00		b
180	Gas General	FP-101398 - GP TOOLS - TRI - CITIES	394.00			0.00		b
181	Gas General	FP-101413 - GP BUILDINGS - WALLAWALLA	392.00			0.00		b
182	Gas General	FP-101432 - GP BUILDINGS - WENATCHEE	392.00			0.00		b
183	Gas General	FP-101451 - GP TOOLS - YAKIMA	394.00			0.00		b
184	Gas General	FP-200268 - CNGC Engineering & Supervision						
185	Gas General	FP-200269 - CNGC General & Administrative						
186	Gas General	FP-200661 - Data Center & Network Equipment	391.00	4,205.64	77.24%	3,248.44	3,248.44	47
187	Gas General	FP-200662 - Personal Computers & Peripherals	391.00	251,130.44	77.24%	193,973.15	193,973.15	48
188	Gas General	FP-307020 - Longview - New Operations Bldg 2018	390.00			0.00		o
189	Gas General	FP-311969 - Sensit Portable Methane Detectors	394.00		77.24%	0.00	0.00	49
190	Gas General	FP-313181 - CNGC Payroll Accrual						
191	Gas General	FP-315865 - UG - ThoughtSpot Implementation Prj	303.00	133,255.45	77.24%	102,926.51	102,926.51	50
		Total Distribution Plant		507,691.30		419,247.87	419,247.87	0.00
192		Total		18,554,431.79		17,609,896.23	17,609,896.23	14,520,158.29 0.82455

Notes:

	FERC Acct	Budgeted 2017 Investment	Depr. Rate UG-150762	Depreciation Expense
194 b Blanket				
195 c CRM				
196 g Growth	303	1,777,179.04	12.81	227,656.64
197 o Beyond 2017	367	385,972.62	1.82	7,024.70
198 n No Support	376	11,500,993.41	1.25	143,762.42
199	378	1,901,047.43	1.92	36,500.11
200	380	461,898.97	3.88	17,921.68
201	381	417,296.44	2.27	9,472.63
202	382			0.00
203	385	849,186.96	2.18	18,512.28
204	390	91,082.09	1.24	1,129.42
205	391	197,221.59	4.98	9,821.64
206	392	2,788.39	6.16	171.76
207	394	25,229.29	3.55	895.64
208	396	0.00		
209	397	0.00		
210				
211 Totals		17,609,896.23		472,868.91 0.02685
212				
213				0.00