

Replacement Projects 11-1-14 to 10-31-15

Project	Location	Estimated Cost	30-Aug-15		Description	Justification
			Actual Cost			
1 CRM RPL ANACORTES BARE STEEL	MT. VERNON	\$1,889,744	\$240,475		PHASE III OF BARE STEEL REPLACEMENT PROJECT	BARE STEEL/PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
2 CRM 3" BURLINGTON HP LINE REPL	MT. VERNON	\$0	\$0		ROW AND DESIGN - CONSTRUCTION IN 2016	PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
3 CRM WENATCHEE RIV RR BRIDGE RPL	WENATCHEE	\$0	\$19,533		BORE TO REMOVE PIPE FROM RR BRIGDE	PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
4 CRM 4" GRANDVIEW HP LINE #3 RPL	YAKIMA	\$0	\$42,746		1 MILE OF 4" HP - PART OF MAOP VALIDATION	PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
5 CRM BELLINGHAM BRIDGE CROSSINGS RMV	BELLINGHAM	\$0	\$0		REMOVAL OF 2 BRIDGE CROSSINGS	PRE-CNG PIPE - IDENTIFIED HIGH (RED) & MODERATE (ORANGE) RISK IN DIMP
6 CRM DAKOTA CREEK BRIDGE RELOCATE	BELLINGHAM	\$523,456	\$523,456		BORE TO REMOVE PIPE FROM RR BRIDGE	EXPOSED PIPE SUSCEPTIBLE TO CORROSION RISK - MODERATE (ORANGE)
7 CRM SUNNYSIDE 2" IP MAIN RPL	YAKIMA	\$50,227	\$50,227		REPLACE HOUSE PIPING WITH CNG PIPING	PROJECT WILL REPLACE HOUSE PIPING SERVING MULTIPLE BUILDINGS
8 CRM RPL LONGVIEW BARE STEEL	LONGVIEW	\$1,688,163	\$1,252,533		PHASE IV OF BARE STEEL REPLACEMENT PROJECT	BARE STEEL/PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
9 CRM KELSO MILL STREET REPLACEMENT	LONGVIEW	\$0	\$0		REPLACEMENT OF PIPELINE SECTION WITH MULTIPLE LEAKS	BARE STEEL/PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
10 CRM KELSO GRADE ST BRIDGE RELOCATE	LONGVIEW	\$0	\$33,752		EXPOSED PIPE ON BRIDGE	EXPOSED PIPE SUSCEPTIBLE TO CORROSION RISK - MODERATE (ORANGE)
11 CRM BREMERTON HWY 3 CASING REMOVAL	BREMERTON	\$475,963	\$6,124		SHORTED CASING	PIPE IN CASING - MODERATE (ORANGE) RISK IN DIMP
12 CRM COLLEGE PLACE CARS PROJECT	WALLA WALLA	\$1,645,524	\$922,731		REPLACEMENT OF PRE-CNG PIPE	MODERATE (ORANGE) RISK IN DIMP
13 CRM SHELTON 4" IP BRIDGE REPLACE	ABERDEEN	\$0	\$0		EXPOSED PIPE ON BRIDGE	EXPOSED PIPE (CORROSION) IN ADDITION TO MODERATE (ORANGE) RISK IN DIMP
14 CRM VANCE CREEK EXPOSURE REPLACE	ABERDEEN	\$0	\$0		EXPOSURE OVER CREEK	EXPOSED PIPE (CORROSION) IN ADDITION TO MODERATE (ORANGE) RISK IN DIMP
15 CRM CAMP CREEK EXPOSURE REPLACEMENT	ABERDEEN	\$0	\$0		EXPOSURE OVER CREEK	EXPOSED PIPE (CORROSION) IN ADDITION TO MODERATE (ORANGE) RISK IN DIMP
16 CRM RP; 4"HP MAIN, LACONNER	MT. VERNON	\$98,608	\$98,608		EXPOSURE OVER CREEK - WO# 213962	EXPOSED PIPE (CORROSION) IN ADDITION TO MODERATE (ORANGE) RISK IN DIMP
17 CRM 8" BELLINGHAM LINE #1	BELLINGHAM	\$106,899	\$106,899		REPLACE SECTION OF HP PIPELINE	PRE-CNG PIPE - IDENTIFIED MODERATE (ORANGE) RISK IN DIMP
18 CRM 8" STL BORE, BURLINGTON	MT. VERNON	\$626,154	\$626,154		REPLACE SECTION OF HP PIPELINE	PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
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25 Total Estimated Replacement Cost		\$7,104,737	\$3,873,011			

			Schedule 503	Schedule 502	Schedule 504	Schedule 512	Schedule 511	Schedule 505	Schedule 570	Schedule 577	Schedule 663
26 Rate Base Allocation from UG-060256 Company COS		\$218,725,267	\$101,213,281	\$1,206,702	\$70,606,839	\$26,846	\$4,565,375	\$8,230,589	\$541,665	\$103,353	\$32,230,617
27 Percentage		100.00%	46.27%	0.55%	32.28%	0.01%	2.09%	3.76%	0.25%	0.05%	14.74%
28 Total Investment	Ln 25	7,104,737									
29 Depreciation Expense - Rate 2.58%	Ln 28* 2.58%	183,302		183,302							
30 Accumulated Depr. (Avg)	Ln 29 / 2	91,651									
31 Accum Tax depreciation	Ln 28 *3.75%	266,428									
32 Deferred Tax	(Ln 31 - Ln 29) * .35	29,094									
33 Accum Def Tax (Avg)	Ln 33 / 2	14,547									
34 FIT	Ln 29 * .35			64,156							
### Interest Coordination Adj (Rate Base x Weighted Cost of Debt (3.505%) x 35% FIT)				85,855							
35 Rate Bate		6,998,539									
36 Authorized ROR from UG-060256		8.85%									
37 NOI	(Ln 35 * Ln 36) and (Ln 29 - Ln 34-Ln 34.5)	\$619,371		\$33,292							
38 Total NOI	Sum Ln 37			\$652,663							
39 Conversion Factor from Company Testimony in UG-060256				0.6218025							
40 Revenue Requirement (Current Year Investment)	Ln 37 / Ln 38			\$1,049,630							
41 Revenue Requirement (From Previous year Invest)	Ln 23 from "UG-131359" and Ln 40 from "UG-141202" tabs)			\$1,561,215							
42 Total Revenue Requirement	Ln 40 + Ln 41			\$2,610,845							
43 Allocation Rev Req to Schedules	Ln 42 * Ln 27			\$1,208,147	\$14,404	\$842,809	\$320	\$54,495	\$98,246	\$6,466	\$1,234
44 Weather Normalized 2014 Volumes				118,476,678	363,043	82,859,441	45,435	8,427,477	12,020,026	4,183,160	392,533
											446,226,702
45 Rate Charge	Ln 43 / Ln 44		\$0.01020	\$0.03968	\$0.01017	\$0.00705	\$0.00647	\$0.00817	\$0.00155	\$0.00314	\$0.00086
46 502 and 503 Combined Rev. Req.					\$1,222,551						
47 502 and 503 Combined Weather Norm. Vol.					118,839,721						
48 Combined 502 and 503 Rate Schedule	Ln 46 / Ln 47				\$0.01029						
49 2014 Commission Basis Total Revenue				\$247,453,357							
50 Percentage Increase in Revenue	(Ln 42 - UG-141202 filing (Ln 42) / Ln 49				0.25%						