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

	Project	Location	Estimtimated Cost	30-Aug-15 Actual Cost	Description	Justification
1	CRM RPL ANACORTES BARE STEEL	MT. VERNON	$2,293,890	$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	$18,367		ROW AND DESIGN - CONSTRUCTION IN 2016	PRE-CNG PIPE - IDENTIFIED HIGH (RED) RISK IN DIMP
3	CRM WENATCHEE RIV RR BRIDGE RPL	WENATCHEE	$1,391,272	$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	$1,734,194	$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	$85,871		REMOVAL OF 2 BRDIGE 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 BRIGDE	EXPOSED PIPE SUSCEPTIBLE TO CORROSION RISK - MODERATE (ORANGE)
7	CRM SUNNYSIDE 2" IP MAIN RPL	YAKIMA	$50,227		REPLACE HOUSE PIPING WITH CNG PIPING	PROJECT WILL REPLACE HOUSE PIPING SERVING MULTIPLE BUILDINGS
8	CRM RPL LONGVIEW BARE STEEL	LONGVIEW	$2,804,397	$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	$178,822		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	$346,065	$33,752	EXPOSED PIPE ON BRIDGE	EXPOSED PIPE SUSCEPTIBLE TO CORROSION RISK - MODERATE (ORANGE)
11	CRM BREMERTON HWY 3 CASING REMOVAL	BREMERTON	$454,966	$6,124	SHORTED CASING	PIPE IN CASING - MODERATE (ORANGE) RISK IN DIMP
12	CRM COLLEGE PLACE CARS PROJECT	WALLA WALLA	$1,322,731	$922,731	REPLACEMENT OF PRE-CNG PIPE	MODERATE (ORANGE) RISK IN DIMP
13	CRM SHELTON 4" IP BRIDGE REPLACE	ABERDEEN	$0		EXPOSED PIPE ON BRIDGE	EXPOSED PIPE (CORROSION) IN ADDITION TO MODERATE (ORANGE) RISK IN DIMP
14	CRM VANCE CREEK EXPOSURE REPLACE	ABERDEEN	$0		EXPOSURE OVER CREEK	EXPOSED PIPE (CORROSION) IN ADDITION TO MODERATE (ORANGE) RISK IN DIMP
15	CRM CAMP CREEK EXPOSURE REPLACEMENT	ABERDEEN	$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		$12,035,920	$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	12,035,920									
29	Depreciation Expense - Rate 2.58%	Ln 28* 2.58%	310,527	310,527								
30	Accumulated Depr. (Avg)	Ln 29 / 2	155,263									
31	Accum Tax depreciation	Ln 28 *3.75%	451,347									
32	Deferred Tax	(Ln 31 - Ln 29) * .35	49,287									
33	Accum Def Tax (Avg)	Ln 33 / 2	24,644									
34	FIT	Ln 29 * .35		108,684								
###	Interest Coordination Adj (Rate Base x Weighted Cost of Debt (3.505%) x 35% FIT)			145,444								
35	Rate Bate		11,856,013									
36	Authorized ROR from UG-060256		8.85%									
37	NOI	(Ln 35 * Ln 36) and (Ln 29 - Ln 34-Ln 34.5)	$1,049,257	$56,399								
38	Total NOI	Sum Ln 37		$1,105,656								
39	Conversion Factor from Company Testimony in UG-060256			0.6218025								
40	Revenue Requirement (Current Year Investment)	Ln 37 / Ln 38		$1,778,146								
41	Revenue Requirement (From Previous year Invest)	Ln 23 from "UG-131359" and Ln 40 from "UG-141202" tabs)		$1,810,208								
42	Total Revenue Requirement	Ln 40 + Ln 41		$3,588,354								
43	Allocation Rev Req to Schedules	Ln 42 * Ln 27		$1,660,481	$19,797	$1,158,359	$440	$74,898	$135,029	$8,886	$1,696	$528,768
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		$0.01402	$0.05453	$0.01398	$0.00969	$0.00889	$0.01123	$0.00212	$0.00432	$0.00118
46	502 and 503 Combined Rev. Req.				$1,680,278							
47	502 and 503 Combined Weather Norm. Vol.				118,839,721							
48	Combined 502 and 503 Rate Schedule	Ln 46 / Ln 47			$0.01414							
49	2014 Commission Basis Total Revenue			$247,453,357								
50	Percentage Increase in Revenue	(Ln 42 - UG-141202 filing (ln 42) / Ln 49		0.65%								