

Project Listing for EGD (2019-2023)

Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
2367	System Access	Business Development	NGV	NGV Rental Compressors - Ex Transit - (Until 2020)		N	89	2,600,000	5,600,000	-	-	-	
2368	System Access	Business Development	NGV	NGV Rental VRA's - (Until 2025)		N	100	250,000	254,325	258,725	263,201	267,754	
2369	System Access	Business Development	NGV	NGT Maintenance Capital for company/fleet NG refueling stations - (Until 2020)		N	178	405,000	412,007	-	-	-	
8550	System Access	Business Development	NGV	NGT Rental Compressors - Ex Transit - (2021 to 2028)		N	118	-	-	4,500,000	3,000,000	3,000,000	
9552	System Access	Business Development	NGV	NGT Existing customer Maintenance Capital - (Until 2026)		N	108	281,311	286,178	291,128	296,165	301,289	
9553	System Access	Business Development	NGV	NGT Maintenance Capital for company/fleet NG refueling stations (2021 to 2028)		N	155	-	-	419,134	461,773	294,530	
19223	System Access	Business Development	NGV	Establishing Hydrogen (H2) Interoperability Criteria		N	100	1,200,000	365,000	-	-	-	
2986	System Renewal	Customer Assets	Regulator Refit	2019 Regulator & Meter Exchanges, Replacements, Resets, Vent Aways		Y	162	17,290,020	-	-	-	-	
2987	System Renewal	Customer Assets	Regulator Refit	2020 Regulator & Meter Exchanges, Replacements, Resets, Vent Aways		Y	162	-	17,696,396	-	-	-	
2988	System Renewal	Customer Assets	Regulator Refit	2021 Regulator & Meter Exchanges, Replacements, Resets, Vent Aways		Y	162	-	-	17,884,761	-	-	
3010	System Renewal	Customer Assets	Remediation - Customer Assets	2019 HP-XHP Remediation		Y	189	901,614	-	-	-	-	
3012	System Renewal	Customer Assets	Remediation - Customer Assets	2020 HP-XHP Remediation		Y	185	-	917,211	-	-	-	
3016	System Renewal	Customer Assets	Remediation - Customer Assets	2019 Commercial / Industrial LPDMS Program		Y	226	652,706	-	-	-	-	
3021	System Renewal	Customer Assets	Remediation - Customer Assets	2020 Commercial / Industrial LPDMS Program		Y	226	-	652,706	-	-	-	
3030	System Renewal	Customer Assets	Remediation - Customer Assets	2021 Commercial / Industrial LPDMS Program		Y	226	-	-	652,706	-	-	
3032	System Renewal	Customer Assets	Remediation - Customer Assets	2019 Service Extension Sample Removals		N	34	55,000	55,000	-	-	-	
3035	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2019 Meter Purchases		Y	113	20,621,317	-	-	-	-	
3036	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2020 Meter Purchases		Y	113	-	22,827,885	-	-	-	
3037	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2021 Meter Purchases		Y	113	-	-	21,353,189	-	-	
3626	System Renewal	Customer Assets	Remediation - Customer Assets	2021 Farm tap Program		Y	40	-	-	101,400	-	-	
3627	System Renewal	Customer Assets	Remediation - Customer Assets	2019 Farm tap Program		Y	40	856,941	-	-	-	-	
3628	System Renewal	Customer Assets	Remediation - Customer Assets	2020 Farm tap Program		Y	40	-	856,615	-	-	-	
8501	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2018 Meter shop Machinery Upgrades		Y	261	40,000	-	-	-	-	
8529	System Renewal	Customer Assets	Regulator Refit	2022 Regulator & Meter Exchanges, Replacements, Resets, Vent Aways		Y	165	-	-	-	18,270,259	-	
8531	System Renewal	Customer Assets	Regulator Refit	2023 Regulator & Meter Exchanges, Replacements, Resets, Vent Aways		Y	162	-	-	-	-	18,625,418	
8542	System Renewal	Customer Assets	Remediation - Customer Assets	2022 Commercial / Industrial LPDMS Program		Y	226	-	-	-	357,749	-	
8543	System Renewal	Customer Assets	Remediation - Customer Assets	2023 Commercial / Industrial LPDMS Program		Y	226	-	-	-	-	357,749	
8570	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2022 Meter Purchases		Y	137	-	-	-	23,592,268	-	
8571	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2023 Meter Purchases		Y	113	-	-	-	-	24,687,621	
8803	System Renewal	Customer Assets	Remediation - Customer Assets	2022 Farm tap Program		Y	40	-	-	-	103,155	-	
8804	System Renewal	Customer Assets	Remediation - Customer Assets	2023 Farm tap Program		Y	40	-	-	-	-	104,939	
9141	System Renewal	Customer Assets	Remediation - Customer Assets	2019 Assets Downstream of Bulk Meters		Y	144	443,000	-	-	-	-	
9142	System Renewal	Customer Assets	Remediation - Customer Assets	2020 Assets Downstream of Bulk Meters		Y	144	-	400,000	-	-	-	
9143	System Renewal	Customer Assets	Remediation - Customer Assets	2021 Assets Downstream of Bulk Meters		Y	144	-	-	203,410	-	-	
9144	System Renewal	Customer Assets	Remediation - Customer Assets	2022 Assets Downstream of Bulk Meters		Y	144	-	-	-	203,410	-	
9167	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2019 Meter shop Machinery Upgrades		N	123	175,000	-	-	-	-	

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9168	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2020 Meter shop Machinery Upgrades		N	127	-	225,000	-	-	-	
9169	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2021 Meter shop Machinery Upgrades		Y	123	-	-	90,000	-	-	
9170	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2022 Meter shop Machinery Upgrades		N	123	-	-	-	110,000	-	
9172	System Access (30%) / System Renewal (70%)	Customer Assets	Meters - Capital Purchase Program	2023 Meter shop Machinery Upgrades		N	123	-	-	-	-	245,000	
17966	System Renewal	Customer Assets	Remediation - Customer Assets	2023 Assets Downstream of Bulk Meters		Y	144	-	-	-	-	203,410	
3402	System Access	Customer Growth	Apartment Ensuite - New Construction	Area 10 - Apartment Ensuite - New Construction		Y	109	2,321,778	2,408,584	2,459,123	2,433,377	2,431,158	
3405	System Access	Customer Growth	Apartment Traditional - New Construction	Area 10 - Apartment Traditional - New Construction		Y	1257	2,079	2,156	2,202	2,179	2,177	
3406	System Access	Customer Growth	Commercial - New Construction	Area 10 - Commercial - New Construction		Y	37	5,700,134	5,913,249	6,037,326	5,974,117	5,968,670	
3408	System Access	Customer Growth	Residential - Replacement	Area 10 - Residential - Replacement		Y	24	6,852,731	7,108,939	7,258,105	7,182,115	7,175,566	
3700	System Access	Customer Growth	Residential - New Construction	Area 10 - Residential - New Construction		Y	291	852,491	884,364	902,920	893,467	892,652	
3720	System Access	Customer Growth	Industrial - New Construction	Area 10 - Industrial - New Construction		Y	0	31,186	32,352	33,030	32,685	32,655	
3722	System Access	Customer Growth	Apartment Ensuite - New Construction	Area 20 - Apartment Ensuite - New Construction		Y	724	11,360	11,784	12,032	11,906	11,895	
3724	System Access	Customer Growth	Apartment Traditional - New Construction	Area 20 - Apartment Traditional - New Construction		Y	625	459	476	486	481	481	
3726	System Access	Customer Growth	Commercial - New Construction	Area 20 - Commercial - New Construction		Y	143	2,173,646	2,254,914	2,302,228	2,278,125	2,276,047	
3727	System Access	Customer Growth	Industrial - New Construction	Area 20 - Industrial - New Construction		Y	0	299,503	310,701	317,221	313,899	313,613	
3729	System Access	Customer Growth	Residential - New Construction	Area 20 - Residential - New Construction		Y	226	5,807,199	6,024,317	6,150,724	6,086,328	6,080,778	
3730	System Access	Customer Growth	Residential - Replacement	Area 20 - Residential - Replacement		Y	41	875,836	908,581	927,646	917,934	917,097	
3731	System Access	Customer Growth	Apartment Ensuite - New Construction	Area 30 - Apartment Ensuite - New Construction		Y	156	608,409	631,156	644,400	637,653	637,072	
3735	System Access	Customer Growth	Commercial - New Construction	Area 30 - Commercial - New Construction		Y	63	3,572,436	3,706,002	3,783,764	3,744,149	3,740,735	
3736	System Access	Customer Growth	Industrial - New Construction	Area 30 - Industrial - New Construction		Y	0	148,523	154,076	157,309	155,662	155,520	
3738	System Access	Customer Growth	Residential - New Construction	Area 30 - Residential - New Construction		Y	138	11,031,571	11,444,016	11,684,144	11,561,815	11,551,273	
3739	System Access	Customer Growth	Residential - Replacement	Area 30 - Residential - Replacement		Y	14	4,344,294	4,506,717	4,601,281	4,553,107	4,548,956	
3740	System Access	Customer Growth	Apartment Ensuite - New Construction	Area 40 - Apartment Ensuite - New Construction		Y	392	46,688	48,433	49,449	48,932	48,887	
3744	System Access	Customer Growth	Commercial - New Construction	Area 40 - Commercial - New Construction		Y	178	1,157,598	1,200,878	1,226,076	1,213,240	1,212,133	
3747	System Access	Customer Growth	Residential - New Construction	Area 40 - Residential - New Construction		Y	248	4,776,794	4,955,387	5,059,365	5,006,395	5,001,830	
3748	System Access	Customer Growth	Residential - Replacement	Area 40 - Residential - Replacement		Y	32	4,904,971	5,088,356	5,195,124	5,140,733	5,136,046	
3753	System Access	Customer Growth	Commercial - New Construction	Area 50 - Commercial - New Construction		Y	168	721,116	748,077	763,773	755,777	755,088	
3756	System Access	Customer Growth	Residential - New Construction	Area 50 - Residential - New Construction		Y	164	5,906,023	6,126,836	6,255,394	6,189,902	6,184,258	
3757	System Access	Customer Growth	Residential - Replacement	Area 50 - Residential - Replacement		Y	30	3,590,204	3,724,433	3,802,582	3,762,771	3,759,340	
3758	System Access	Customer Growth	Apartment Ensuite - New Construction	Area 60 - Apartment Ensuite - New Construction		Y	345	21,720	22,532	23,005	22,764	22,743	
3759	System Access	Customer Growth	Apartment Traditional - New Construction	Area 60 - Apartment Traditional - New Construction		Y	4989	1,765	1,831	1,869	1,849	1,848	
3761	System Access	Customer Growth	Commercial - New Construction	Area 60 - Commercial - New Construction		Y	42	4,405,692	4,570,411	4,666,311	4,617,456	4,613,246	
3762	System Access	Customer Growth	Industrial - New Construction	Area 60 - Industrial - New Construction		Y	0	2,412,263	2,502,452	2,554,961	2,528,211	2,525,906	
3764	System Access	Customer Growth	Residential - New Construction	Area 60 - Residential - New Construction		Y	115	10,807,094	11,211,146	11,446,388	11,326,548	11,316,220	
3765	System Access	Customer Growth	Residential - Replacement	Area 60 - Residential - Replacement		Y	51	6,526,446	6,770,455	6,912,518	6,840,147	6,833,910	
3766	System Access	Customer Growth	Apartment Ensuite - New Construction	Area 80 - Apartment Ensuite - New Construction		Y	0	933	968	989	978	977	

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3769	System Access	Customer Growth	Commercial - New Construction	Area 80 - Commercial - New Construction		Y	148	870,247	902,784	921,727	912,077	911,245	
3770	System Access	Customer Growth	Industrial - New Construction	Area 80 - Industrial - New Construction		Y	0	871,046	903,612	922,573	912,914	912,081	
3772	System Access	Customer Growth	Residential - New Construction	Area 80 - Residential - New Construction		Y	149	5,330,790	5,530,096	5,646,133	5,587,020	5,581,926	
3773	System Access	Customer Growth	Residential - Replacement	Area 80 - Residential - Replacement		Y	41	519,754	539,186	550,500	544,736	544,239	
3783	System Access	Customer Growth	Commercial - Replacement	Area 20 - Commercial - Replacement		Y	108	537,770	557,876	569,582	563,619	563,105	
3822	System Access	Customer Growth	Commercial - Replacement	Area 80 - Commercial - Replacement		Y	31	792,328	821,952	839,198	830,412	829,655	
3523	General Plant	Fleet & Equipment	Capital Purchase Program - Equipment & Materials	2017 - 2021 485 Heavy Work Equipment		N	231	500,000	500,000	500,000	-	-	
3526	General Plant	Fleet & Equipment	Capital Purchase Program - Vehicles	2017- 2021 - 484 Light and Medium duty vehicles		N	118	5,068,514	4,902,904	5,051,154	-	-	
3546	General Plant	Fleet & Equipment	Capital Purchase Program - Tools	2017 -2021 - 486 Tools & Equipment		Y	0	800,000	800,000	800,000	-	-	
8548	General Plant	Fleet & Equipment	Capital Purchase Program - Vehicles	2022 to 2028 - 484 Light and Medium duty vehicles		N	83	-	-	-	4,652,374	4,871,000	
8549	General Plant	Fleet & Equipment	Capital Purchase Program - Tools	2022 to 2028 - 486 Tools & Equipment		Y	0	-	-	-	1,000,000	1,000,000	
8555	General Plant	Fleet & Equipment	Capital Purchase Program - Equipment & Materials	2022 to 2028 - 485 Heavy Work Equipment		N	125	-	-	-	500,000	453,801	
9554	General Plant	Fleet & Equipment	Capital Purchase Program - Vehicles	NG conversion kits for new fleet vehicles		Y	0	399,514	407,504	415,654	423,967	432,446	
1210	System Renewal	Pipe	Main Replacement	2019 Steel Mains Replacement Program		Y	1	18,843,521	-	-	-	-	
1213	System Service	Pipe	System Reinforcement - Pipe	York Region Reinforcement		Y		2,522,000	70,000	-	-	280,000	
1224	System Service	Pipe	System Reinforcement - Pipe	Bayview/Truman Reinforce.		Y	0	40,000	-	-	-	-	
1418	System Renewal	Pipe	Service Relay	2019 AMP Fitting Replacement Program		Y	56	4,406,944	-	-	-	-	
2458	System Service	Pipe	System Reinforcement - Pipe	Peterborough Reinforcement		Y	125	50,000	2,071,657	-	-	-	Y
2522	System Service	Pipe	System Reinforcement - Pipe	Rodinea Road		Y	0	921,000	-	-	-	-	
2564	System Service	Pipe	System Reinforcement - Pipe	Sideline 16 Pressure Elevation		Y	0	50,000	-	-	-	-	
6423	System Renewal	Pipe	Main Replacement	NPS 30 Don River Replacement	Y	Y	24	24,900,530	800,000	-	-	-	Y
7706	System Service	Pipe	System Reinforcement - Pipe	Bathurst Reinforcement		Y	78	8,810,839	650,000	-	-	-	Y
7709	System Service	Pipe	System Reinforcement - Pipe	Bisset Ave Reinforcement		Y	23	-	-	-	-	641,155	
7710	System Service	Pipe	System Reinforcement - Pipe	McCowan Ave HP Reinforcemen		Y	190	-	30,000	533,522	60,000	-	
7714	System Service	Pipe	System Reinforcement - Pipe	NW 2103 - Hwy 10, Orangeville Reinforcement		Y	89	-	-	-	1,859,632	-	
7715	System Service	Pipe	System Reinforcement - Pipe	Heritage and Embleton - Phase 2 reinforcement		Y	187	1,790,660	-	-	-	-	
7718	System Service	Pipe	System Reinforcement - Pipe	North Bradford Reinforcement		Y	151	644,749	-	-	-	-	
7721	System Service	Pipe	System Reinforcement - Pipe	Network 3750 - 2nd Concession Road Reinforcement		Y	133	-	-	-	214,879	-	
7724	System Service	Pipe	System Reinforcement - Pipe	Oro-Medonte IP Network Reinforcement		Y	102	-	742,847	-	-	-	
7727	System Service	Pipe	System Reinforcement - Pipe	Welland IP NW8925 Reinforcement		Y	10	1,669,305	832,152	-	-	-	
7728	System Service	Pipe	System Reinforcement - Pipe	Welland IP NW8926 Reinforcement		Y	17	-	-	-	669,036	-	
7729	System Service	Pipe	System Reinforcement - Pipe	Port Colborne IP NW8521 Reinforcement		Y	60	-	1,447,683	-	-	-	
7732	System Service	Pipe	System Reinforcement - Pipe	AJAX Reinforcement		Y	103	-	160,000	3,052,025	-	-	Y
7740	System Service	Pipe	System Reinforcement - Pipe	Kemptville Reinforcement		Y	15	-	-	-	186,000	4,839,454	Y
7742	System Service	Pipe	System Reinforcement - Pipe	Rockland IP Reinforcement		Y	98	-	692,747	-	-	-	
7743	System Service	Pipe	System Reinforcement - Pipe	L'Original Reinforcement		Y	129	172,500	3,896,608	-	-	-	Y

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8928	System Access	Pipe	Rebillable Relocation	2019 Rebillable Relocation Blanket - All Area		Y	0	1,500,000	-	-	-	-	
8930	System Access	Pipe	Rebillable Relocation	2020 Rebillable Relocation Blanket - All Area		Y	0	-	3,000,000	-	-	-	
8932	System Renewal	Pipe	Corrosion Prevention	Anode Blanket - All Areas (10 Year Plan: 2018-2027)		Y	221	1,210,943	1,228,735	1,246,841	1,265,265	1,284,014	
8948	System Renewal	Pipe	Main Replacement	Emergency Replacement Blanket - All Areas (10 year plan: 2018-2027)		Y	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	
8949	System Renewal	Pipe	Service Relay	Relay Blanket - All Areas (10 year plan: 2018-2027)		Y	28	17,722,914	20,295,803	21,195,208	22,174,994	23,183,476	
9216	System Service	Pipe	System Reinforcement - Pipe	Old ChurchRoad to Bruno Ridge Dr. Reinforcement		Y	155	-	-	-	-	496,862	
9521	System Service	Pipe	System Reinforcement - Pipe	Sideline 16 and Brock Pressure Control Station (part of pipe Reinforcement)		Y	0	1,107,845	-	-	-	-	
9551	System Service	Pipe	Integrity Initiatives - Pipe	Fiber Optics on Vital and Critical Mains		N	6	-	1,358,000	1,092,500	1,381,500	583,000	
10087	System Access	Pipe	Rebillable Relocation	NPS 20 Don River Relocation	Y	Y	121	13,016,712	22,006,030	850,000			Y
10089	System Renewal	Pipe	Main Replacement	NPS 12 St. Laurent Ottawa North Main Replacement (2021+)	Y	N	1	-	-	9,239,682	40,641,901	2,250,000	Y
10223	System Renewal	Pipe	Service Relay	2020 AMP Fitting Replacement Program		Y	61	-	4,483,144	-	-	-	
10224	System Renewal	Pipe	Service Relay	2021 AMP Fitting Replacement Program		Y	66	-	-	6,841,115	-	-	
10261	System Renewal	Pipe	Service Relay	2022 AMP Fitting Replacement Program		Y	71	-	-	-	9,279,287	-	
10262	System Renewal	Pipe	Service Relay	2023 AMP Fitting Replacement Program		Y	76	-	-	-	-	10,839,819	
10281	System Access	Pipe	Rebillable Relocation	2021 Rebillable Relocation Blanket - All Area		Y	0	-	-	7,700,000	-	-	
10282	System Access	Pipe	Rebillable Relocation	2022 Rebillable Relocation Blanket - All Area		Y	0	-	-	-	7,700,000	-	
10283	System Access	Pipe	Rebillable Relocation	2023 Rebillable Relocation Blanket - All Area		Y	0	-	-	-	-	7,700,000	
10321	System Renewal	Pipe	Main Replacement	2020 Steel Mains Replacement Program		Y	1	-	21,598,770	-	-	-	
10322	System Renewal	Pipe	Main Replacement	2021 Steel Mains Replacement Program		Y	1	-	-	24,116,965	-	-	
10323	System Renewal	Pipe	Main Replacement	2022 Steel Mains Replacement Program		Y	1	-	-	-	26,928,763	-	
10324	System Renewal	Pipe	Main Replacement	2023 Steel Mains Replacement Program		Y	1	-	-	-	-	30,068,397	
10342	System Renewal	Pipe	Main Replacement	2019 Vintage PE Main Replacement Program		Y	2	1,889,314	-	-	-	-	
10343	System Renewal	Pipe	Main Replacement	2020 Vintage PE Main Replacement Program		Y	2	-	2,275,540	-	-	-	
10345	System Renewal	Pipe	Main Replacement	2021 Vintage PE Main Replacement Program		Y	2	-	-	2,745,970	-	-	
10346	System Renewal	Pipe	Main Replacement	2022 Vintage PE Main Replacement Program		Y	2	-	-	-	3,319,220	-	
10347	System Renewal	Pipe	Main Replacement	2023 Vintage PE Main Replacement Program		Y	2	-	-	-	-	4,018,034	
11443	System Renewal	Pipe	Main Replacement	NPS 12 Martin Grove Rd Main Replacement Ph 2	Y	N	3	-	-	-	-	400,000	
16507	System Service	Pipe	System Reinforcement - Pipe	Limoges Reinforcement		Y	82	-	-	1,386,603	-	-	
16744	System Service	Pipe	System Reinforcement - Pipe	Amaranth System Reinforcement		Y	39	-	-	100,000	100,000	-	
16748	System Service	Pipe	System Reinforcement - Pipe	Erin IP System Reinforcement		Y	69	1,454,120	-	-	-	1,711,158	
16749	System Service	Pipe	System Reinforcement - Pipe	Mearns & Flaxman Upsize / Reinforcement		Y	178	98,696	-	-	-	-	
16751	System Service	Pipe	System Reinforcement - Pipe	Thornton XHP reinforcement		Y	158	-	-	-	1,834,811	3,633,007	Y
16752	System Service	Pipe	System Reinforcement - Pipe	Bridle Path Reinforcement		Y	6	-	1,663,977	-	-	-	
17227	System Service	Pipe	System Reinforcement - Pipe	Caledon IP System Reinforcement		Y	124	-	100,000	121,136	-	-	
17243	System Service	Pipe	System Reinforcement - Pipe	NW 2225 terra cotta Reinforcement		Y	18	-	809,144	-	-	-	
17364	System Renewal	Pipe	Integrity Retrofit - Pipe	NPS 8 Blackburn Extension		Y	0	3,855,000	-	-	-	-	

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19123	System Service	Pipe	System Reinforcement - Pipe	York Region Reinforcement - Civic Centre to Baseline 2.1 Km		Y	0	1,000,100	-	-	-	-	
19345	System Renewal	Pipe	Non-Rebillable Relocation	2019 Non-Rebillable Relocation Blanket - All Area		Y	0	1,500,000	-	-	-	-	
19346	System Renewal	Pipe	Non-Rebillable Relocation	2020 Non-Rebillable Relocation Blanket - All Area		Y	0	-	2,000,000	-	-	-	
19347	System Renewal	Pipe	Non-Rebillable Relocation	2021 Non-Rebillable Relocation Blanket - All Area		Y	0	-	-	2,000,000	-	-	
19349	System Renewal	Pipe	Non-Rebillable Relocation	2022 Non-Rebillable Relocation Blanket - All Area		Y	0	-	-	-	2,000,000	-	
19352	System Renewal	Pipe	Non-Rebillable Relocation	2023 Non-Rebillable Relocation Blanket - All Area		Y	0	-	-	-	-	2,000,000	
19503	System Renewal	Pipe	Main Replacement	NPS 20 Lake Shore KOL Replacement (Parliament to Bathurst) Planning & Design		N	0	250,000	1,650,000	-	-	-	
19505	System Renewal	Pipe	Main Replacement	St Laurent NPS 12 Planning Dollars (2019/2020)		N	0	250,000	150,000	-	-	-	
1796	General Plant	REWS	Furniture / Structures & Improvements	Brampton Operations Centre Alterations		Y	123	100,000	3,100,000	-	-	-	
3634	General Plant	REWS	Furniture / Structures & Improvements	VPC-1		N	109	-	4,200,000	-	-	-	
3635	General Plant	REWS	Furniture / Structures & Improvements	VPC-B		N	91	-	-	2,000,000	-	-	
3636	General Plant	REWS	Furniture / Structures & Improvements	VPC-2		N	113	1,180,000	-	-	-	-	
3637	General Plant	REWS	Furniture / Structures & Improvements	VPC-Link and stairwells		N	89	-	750,000	750,000	-	-	
3638	General Plant	REWS	Furniture / Structures & Improvements	TOC EMEC Expansion		N	102	50,000	50,000	3,500,000	-	-	
3639	General Plant	REWS	Furniture / Structures & Improvements	Kennedy Road Expansion	Y	N	90	-	-	-	9,200,000	8,000,000	
3640	General Plant	REWS	Furniture / Structures & Improvements	Station B New Building		N	83	-	5,000,000	1,500,000	-	-	
3641	General Plant	REWS	Furniture / Structures & Improvements	EGD targeted GHG & Energy reductions		N	237	350,000	350,000	350,000	-	-	
3642	General Plant	REWS	Furniture / Structures & Improvements	Eastern Region Consolidated facility	Y	N	58	-	25,000	-	-	-	
3644	General Plant	REWS	Furniture / Structures & Improvements	2017,2019-21 Furniture & Ergonomic blanket		Y	193	203,460	206,979	210,560	-	-	
3675	General Plant	REWS	Furniture / Structures & Improvements	Cabling 2017-2021		Y	112	101,730	103,489	105,280	-	-	
4333	General Plant	REWS	Furniture / Structures & Improvements	Direct Capital Overheads		Y	72	530,000	530,000	530,000	250,000	250,000	
6081	General Plant	REWS	Furniture / Structures & Improvements	2019 Blanket for Building Systems		Y	106	1,831,140	-	-	-	-	
6082	General Plant	REWS	Furniture / Structures & Improvements	2020 Blanket for Building Systems		Y	106	-	1,862,819	-	-	-	
6083	General Plant	REWS	Furniture / Structures & Improvements	2021 Blanket for Building Systems		Y	106	-	-	1,895,045	-	-	
6087	General Plant	REWS	Furniture / Structures & Improvements	New Mechanical Services Building		N	135	-	-	4,500,000	4,500,000	-	
6104	General Plant	REWS	Furniture / Structures & Improvements	Barrie Operations Centre Obsolescence		N	85	-	1,000,000	6,000,000	-	-	
6143	General Plant	REWS	Furniture / Structures & Improvements	Peterborough Operations Centre Obsolescence		N	70	-	-	1,000,000	3,450,000	-	
8677	General Plant	REWS	Furniture / Structures & Improvements	Arnprior Operations Centre Obsolescence		N	70	-	-	500,000	1,600,000	-	
8701	General Plant	REWS	Furniture / Structures & Improvements	Kelfield Operations Centre Obsolescence.		N	91	-	1,000,000	4,700,000	1,100,000	-	
8703	General Plant	REWS	Furniture / Structures & Improvements	Brockville Operations Centre Obsolescence		N	74	-	1,500,000	3,350,000	-	-	
8765	General Plant	REWS	Furniture / Structures & Improvements	2022 Blanket for Building Systems		Y	106	-	-	-	1,927,830	-	
8766	General Plant	REWS	Furniture / Structures & Improvements	2023 Blanket for Building Systems		Y	106	-	-	-	-	1,961,181	
8826	General Plant	REWS	Furniture / Structures & Improvements	Cabling 2022-2026		Y	112	-	-	-	107,101	108,954	
8828	General Plant	REWS	Furniture / Structures & Improvements	2022-2026 Furniture & Ergonomic blanket		Y	193	-	-	-	214,203	217,909	
15603	General Plant	REWS	Furniture / Structures & Improvements	VPC Emergency Life Safety Systems Backup Power		Y	0	1,450,000	-	-	-	-	
1011	System Renewal	Stations	Gate & Feeder Station	SCHOMBERG GATE		Y	25	-	-	-	1,278,897	698,558	

Project Listing for EGD (2019-2023)

Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
1012	System Renewal	Stations	Gate & Feeder Station	LEEDS GATE		N	69	-	200,000	573,229	-	-	
1013	System Renewal	Stations	Gate & Feeder Station	MARKHAM GATE		Y	10	-	-	-	-	1,480,274	
1029	System Renewal	Stations	Gate & Feeder Station	DEEP RIVER GATE		Y	27	1,767,000	-	-	-	-	
1031	System Renewal	Stations	Gate & Feeder Station	ORO-MEDONTE GATE		Y	4	1,064,449	630,218	-	-	-	
1239	System Renewal	Stations	Gate & Feeder Station	MARTIN GROVE FEEDER		Y	16	-	-	-	-	747,157	
1240	System Renewal	Stations	Gate & Feeder Station	WEST MALL FEEDER		Y	48	1,400,000	-	-	-	-	
1261	System Renewal	Stations	Inside Regulator Program	ERR Program		Y	0	500,000	500,000	500,000	500,000	500,000	
1700	System Renewal	Stations	Gate & Feeder Station	BLACKHORSE GATE		Y	244	1,200,000	2,433,653	-	-	-	
2719	System Renewal	Stations	Gate & Feeder Station	YONGE AND STEELES FEEDER		N	58	-	-	215,608	369,715	-	
3455	System Renewal	Stations	Station Rebuild	Harmer District Station		Y	0	-	1,688,739	-	-	-	
3483	System Renewal	Stations	Station Rebuild	2019 Header stations rebuilds		Y	150	924,000	-	-	-	-	
3484	System Renewal	Stations	Station Rebuild	2020 Header stations rebuilds		Y	150	-	924,000	-	-	-	
3486	System Renewal	Stations	Station Rebuild	2021 Header stations rebuilds		Y	150	-	-	924,000	-	-	
3573	System Renewal	Stations	Gate & Feeder Station	2019 M&R Compliance Project		Y	357	200,000	-	-	-	-	
3574	System Renewal	Stations	Gate & Feeder Station	2020 M&R Compliance Project		Y	357	-	200,000	-	-	-	
3575	System Renewal	Stations	Gate & Feeder Station	2021 M&R Compliance Project		Y	357	-	-	200,000	-	-	
3579	System Renewal	Stations	Station Rebuild	2019 Sales stations rebuilds		Y	130	1,100,000	-	-	-	-	
3580	System Renewal	Stations	Station Rebuild	2020 Sales stations rebuilds		Y	87	-	1,500,000	-	-	-	
3581	System Renewal	Stations	Station Rebuild	2021 Sales stations rebuilds		Y	60	-	-	2,000,000	-	-	
3584	System Renewal	Stations	Station Rebuild	2019 District Station Rebuilds Program		Y	185	6,500,000	-	-	-	-	
3585	System Renewal	Stations	Station Rebuild	2020 District Station Rebuilds Program		Y	160	-	6,500,000	-	-	-	
3586	System Renewal	Stations	Station Rebuild	2021 District Station Rebuilds Program		Y	123	-	-	7,000,000	-	-	
3605	System Renewal	Stations	Gate & Feeder Station	BAYVIEW FEEDER		N	54	-	-	338,581	853,264	-	
3609	System Renewal	Stations	Gate & Feeder Station	CONSUMERS RD		N	34	750,626	-	-	-	-	
3610	System Renewal	Stations	Gate & Feeder Station	CROWLAND STORAGE TRANSFER		Y	15	-	-	-	611,314	127,373	
3612	System Renewal	Stations	Gate & Feeder Station	LISGAR GATE		Y	30	-	-	-	2,593,599	2,346,579	
3619	System Renewal	Stations	Gate & Feeder Station	MITCH OWENS GATE ABANDONMENT		Y	0	58,892	-	-	-	-	
3621	System Renewal	Stations	Station Rebuild	ROCKCLIFFE CONTROL DISTRICT		N	3	-	-	-	500,000	-	
3624	System Renewal	Stations	Gate & Feeder Station	VICTORIA SQUARE GATE		N	4	-	500,000	-	-	-	
3631	System Renewal	Stations	Gate & Feeder Station	2019 Telemetry		Y	59	1,400,000	-	-	-	-	
3632	System Renewal	Stations	Gate & Feeder Station	2020 Telemetry		Y	60	-	1,400,000	-	-	-	
3633	System Renewal	Stations	Gate & Feeder Station	2021 Telemetry		Y	57	-	-	1,400,000	-	-	
7061	System Renewal	Stations	Gate & Feeder Station	BRAMPTON GATE		Y	23	-	300,000	1,194,515	-	-	
7747	System Renewal	Stations	Gate & Feeder Station	BEAMSVILLE GATE		N	12	-	128,712	-	-	-	
7748	System Renewal	Stations	Gate & Feeder Station	BETHEL GATE		Y	31	-	-	-	974,903	675,571	
7750	System Renewal	Stations	Gate & Feeder Station	HALEY GATE		Y	0	-	-	-	255,573	-	

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Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
7752	System Renewal	Stations	Gate & Feeder Station	NIAGARA GATE		N	28	-	-	-	437,170	289,703	
7755	System Renewal	Stations	Gate & Feeder Station	PETAWAWA GATE		N	0	-	-	-	287,360	-	
7758	System Renewal	Stations	Gate & Feeder Station	THORNTON GATE		N	43	-	-	871,862	321,539	-	
7761	System Renewal	Stations	Gate & Feeder Station	ALBION ROAD FEEDER		N	102	-	224,799	241,095	-	-	
7766	System Renewal	Stations	Gate & Feeder Station	DURHAM 23 FEEDER		N	138	-	-	-	-	188,789	
7768	System Renewal	Stations	Gate & Feeder Station	JONESVILLE FEEDER		N	14	263,000	1,304,462	-	-	-	
7769	System Renewal	Stations	Gate & Feeder Station	KEELE AND STEELES/CNR FEEDER		N	52	-	-	558,121	503,607	-	
7772	System Renewal	Stations	Gate & Feeder Station	MALTON FEEDER		N	75	-	266,965	558,782	-	-	
7775	System Renewal	Stations	Gate & Feeder Station	SIGNET & FINCH FEEDER		N	62	-	-	203,768	276,082	-	
7776	System Renewal	Stations	Gate & Feeder Station	STATION "B" FEEDER		Y	70	-	203,768	276,082	-	-	
7777	System Renewal	Stations	Gate & Feeder Station	WINSTON CHURCHILL AND STEELES FEEDER		N	51	-	-	215,608	369,715	-	
7778	System Renewal	Stations	Gate & Feeder Station	WOODBINE & CNR FEEDER		N	54	-	-	215,608	369,715	-	
7780	System Renewal	Stations	Gate & Feeder Station	CREDITVIEW AND 403 / MCCONELL DISTRICT		Y	69	-	203,768	276,082	-	-	
8144	System Service	Stations	Integrity Initiatives - Stations	Integrity Stations Retrofit Program > 30% SMYS		Y	11	2,573,483	1,850,374	1,197,377	1,500,000	1,400,000	
8567	System Renewal	Stations	Gate & Feeder Station	STJOHN SIDEROAD FEEDER		Y	8	1,000,000	4,659,370	-	-	-	
8935	System Renewal	Stations	Station Rebuild	2022 District Station Rebuilds Program		Y	109	-	-	-	7,500,000	-	
8936	System Renewal	Stations	Station Rebuild	2022 Header stations rebuilds		Y	150	-	-	-	924,000	-	
8937	System Renewal	Stations	Station Rebuild	2022 Sales stations rebuilds		Y	68	-	-	-	2,035,000	-	
8939	System Renewal	Stations	Gate & Feeder Station	2022 Telemetry		Y	57	-	-	-	1,400,000	-	
8940	System Renewal	Stations	Gate & Feeder Station	2022 M&R Compliance Project		Y	357	-	-	-	200,000	-	
9464	System Renewal	Stations	Gate & Feeder Station	2023 M&R Compliance Project		Y	357	-	-	-	-	200,000	
9741	System Renewal	Stations	Gate & Feeder Station	PARKWAY GATE		Y	45	-	-	-	1,966,132	2,097,662	
9842	System Renewal	Stations	Station Rebuild	2023 Header stations rebuilds		Y	150	-	-	-	-	924,000	
9844	System Renewal	Stations	Station Rebuild	2023 Sales stations rebuilds		Y	58	-	-	-	-	2,070,613	
9846	System Renewal	Stations	Gate & Feeder Station	2023 Telemetry		Y	56	-	-	-	-	1,400,000	
10241	System Renewal	Stations	Station Rebuild	2023 District Station Rebuilds Program		Y	55	-	-	-	-	7,500,000	
10295	System Renewal	Stations	Station Rebuild	Station Emergency Replacement Blanket - All Areas		Y	148	200,000	200,000	200,000	200,000	200,000	
13384	System Renewal	Stations	Gate & Feeder Station	Campbell St District Stn relocate		Y	112	-	1,930,820	2,002,269	-	-	
1001	System Renewal	Storage	Field Lines	LSEC:Crude Carryover-Reduce		N	142	-	-	-	508,200	-	
1040	System Renewal	Storage	Compressor Equipment	SCOR:Light Poles-Replace		Y	0	82,345	-	-	-	-	
1122	System Renewal	Storage	Wells and Well Equipment	PCOR:TC8 A1 Obs Well-Drill		N	147	-	343,850	1,190,250	-	-	
1135	System Renewal	Storage	Compressor Equipment	SCOR:Fire Hydrant-Install		N	1823	230,000	-	-	-	-	
1811	System Renewal	Storage	Compressor Equipment	SCOR:Meter Area-Upgrade	Y	Y	310	11,000,000	18,000,000	14,600,000	-	-	
2222	System Renewal	Storage	Compressor Equipment	SCOR:60001/2 iBalance-Upgrade		Y	0	300,000	-	-	-	-	
3004	System Renewal	Storage	Compressor Equipment	SSOM:820 PLC01A/B-Replace		N	267	600,000	-	-	-	-	
3024	System Renewal	Storage	Wells and Well Equipment	PDOW:TD18-Acidize		Y	0	65,136	-	-	-	-	

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Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
3025	System Renewal	Storage	Wells and Well Equipment	PMKC:TKC35-Acidize		Y	0	65,136	-	-	-	-	
3026	System Renewal	Storage	Wells and Well Equipment	PSKC:TKC14-Acidize		Y	0	65,136	-	-	-	-	
3027	System Renewal	Storage	Wells and Well Equipment	PSKC:TKC48-Acidize		Y	0	65,136	-	-	-	-	
3029	System Renewal	Storage	Wells and Well Equipment	PSKC:TKC47-Acidize		Y	0	65,136	-	-	-	-	
3141	System Renewal	Storage	Wells and Well Equipment	PDOW:TD26 A1 Obs Well-Execute		N	386	1,063,871	-	-	-	-	
3142	System Renewal	Storage	Wells and Well Equipment	PCOV:TCV7 A1 Obs Well-Drill		N	51	-	-	343,850	1,190,250	-	
3318	System Service	Storage	Integrity Initiatives - Storage	LSEC:Laterals-ILI Retrofit		Y	6	140,625	-	-	-	-	
3320	System Service	Storage	Integrity Initiatives - Storage	LDOW:Laterals-ILI Retrofit		Y	12	-	-	-	200,000	-	
3327	System Service	Storage	Integrity Initiatives - Storage	LSOM:NPS16-ILI Retrofit		Y	9	-	-	-	144,900	-	
3335	System Service	Storage	Integrity Initiatives - Storage	LCOR:NPS16G-ILI Retrofit		Y	105	-	161,300	-	-	-	
3336	System Service	Storage	Integrity Initiatives - Storage	LSEC:NPS20G-ILI Retrofit		Y	203	336,450	-	-	-	-	
3340	System Service	Storage	Integrity Initiatives - Storage	LWLK:NPS16P-ILI Retrofit		Y	2	-	144,900	-	-	-	
3352	System Renewal	Storage	Wells and Well Equipment	PBCK:TBC3 ESD-Install		Y	0	50,000	-	-	-	-	
3354	System Renewal	Storage	Field Lines	LBCK:TBC3 W/L-Replace		Y	0	75,000	-	-	-	-	
3380	System Renewal	Storage	Compressor Equipment	SCOR:61004 Top End-O/H		N	733	-	-	250,000	-	-	
3386	System Renewal	Storage	Compressor Equipment	SCOR:61008 Top End-O/H		N	809	-	-	-	250,000	-	
3389	System Renewal	Storage	Compressor Equipment	SCOR:61007 Bottom End-O/H		N	533	-	425,000	-	-	-	
3390	System Renewal	Storage	Compressor Equipment	SCOR:61008 Bottom End-O/H		N	697	-	-	-	300,000	-	
3423	System Renewal	Storage	Compressor Equipment	SCOR:600 Disch PSV-Upgrade		Y	0	165,000	165,000	165,000	-	-	
3449	System Renewal	Storage	Compressor Equipment	SCOR:60006 iBalance-Upgrade		N	246	-	396,900	163,800	-	-	
3450	System Renewal	Storage	Compressor Equipment	SCOR:60007 iBalance-Upgrade		N	279	-	-	-	-	396,900	
3451	System Renewal	Storage	Compressor Equipment	SCOR:60005 iBalance-Upgrade		N	312	-	396,900	163,800	-	-	
3452	System Renewal	Storage	Compressor Equipment	SCOR:60010 iBalance-Upgrade		N	77	-	-	-	-	396,900	
3453	System Renewal	Storage	Compressor Equipment	SCOR:60008 iBalance-Upgrade		N	347	-	-	396,900	163,800	-	
3456	System Renewal	Storage	Compressor Equipment	SCOR:60009 iBalance-Upgrade		N	125	-	-	396,900	163,800	-	
3459	System Renewal	Storage	Compressor Equipment	SCOR:60008-Fdn Blk-Replace		N	340	-	2,050,000	-	-	-	
3460	System Renewal	Storage	Compressor Equipment	SCOR:60007-Fdn Blk-Replace		N	231	-	-	2,050,000	-	-	
3558	System Renewal	Storage	Compressor Equipment	SCOR:Unit Pre-Heat-Convrt		N	38	-	-	-	275,000	-	
3559	System Renewal	Storage	Compressor Equipment	SM:Telemetry-Upgrade		Y	0	1,240,625	-	-	-	-	
3826	System Renewal	Storage	Field Lines	LLAD:NPS16P-AC Mitigation		N	801	34,500	172,500	-	-	-	
5541	System Renewal	Storage	Wells and Well Equipment	PLAD:TL8 A1 Obs Well-Drill		N	73	-	343,850	1,190,250	-	-	
5624	System Renewal	Storage	Compressor Equipment	SCOR:60004-Fdn Blk-Replace		N	432	-	-	-	2,050,000	-	
5765	System Service	Storage	Integrity Initiatives - Storage	LCOV:NPS16G-ILI Retrofit		Y	199	-	-	-	144,900	-	
5767	System Service	Storage	Integrity Initiatives - Storage	LCOV:NPS16P-ILI Retrofit		Y	36	-	-	-	144,900	-	
5768	System Service	Storage	Integrity Initiatives - Storage	LLAD:NPS16G-ILI Retrofit		Y	9	-	-	144,900	-	-	
5769	System Service	Storage	Integrity Initiatives - Storage	LWLK:NPS16G-ILI Retrofit		Y	33	-	144,900	144,900	-	-	



Project Listing for EGD (2019-2023)

Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
5770	System Service	Storage	Integrity Initiatives - Storage	LSKC:NPS20L-ILI Retrofit		Y	4544	-	144,900	-	-	-	
5772	System Service	Storage	Integrity Initiatives - Storage	LDOW:NPS20x16G-ILI Retrofit		Y	303	-	-	-	-	483,000	
5861	System Service	Storage	Integrity Initiatives - Storage	LWLK:Laterals-ILI Retrofit		Y	0	-	75,000	-	-	-	
5882	System Service	Storage	Integrity Initiatives - Storage	LMKC:Laterals-ILI Retrofit		Y	5	-	-	150,000	-	-	
6361	System Renewal	Storage	Field Lines	LDOW:Leaking Wells-Replace		N	74	1,205,800	-	-	-	-	
6362	System Renewal	Storage	Field Lines	LSKC:TKC67H New HWell		N	74	110,400	517,500	-	-	-	
6363	System Renewal	Storage	Wells and Well Equipment	PSKC:TKC67H New HWell		N	68	300,000	2,395,000	-	-	-	
8622	System Renewal	Storage	Compressor Equipment	SCHT:Inverter-Replace		Y	0	65,000	-	-	-	-	
8624	System Renewal	Storage	Compressor Equipment	SCHT:Control Room-Expand		N	49	-	-	-	-	780,000	
8625	System Renewal	Storage	Compressor Equipment	SCHT:Air Comp,Dryer-Replace		N	104	-	-	-	-	260,000	
8628	System Renewal	Storage	Compressor Equipment	SCHT:Dehy Automatr-Upgrade		N	3	-	-	-	-	325,000	
8629	System Renewal	Storage	Compressor Equipment	SSOM:Limitorque MX-Replace		N	113	210,000	210,000	210,000	210,000	420,000	
8630	System Renewal	Storage	Measurement and Regulating Equipment - Storage	SSOM:UT Meters-Replace		N	91	-	-	-	520,000	-	
8632	System Renewal	Storage	Compressor Equipment	SSOM:GAC Fan-Upgrade		N	4	-	-	-	391,642	-	
8640	System Renewal	Storage	Compressor Equipment	SSOM:HMI Hi Perf Graf-Install		N	169	-	-	-	-	455,000	
8641	System Renewal	Storage	Compressor Equipment	SSOM:LAN Room-Install		N	24	-	-	-	-	1,040,000	
8644	System Renewal	Storage	Compressor Equipment	SSOM:Video Wall-Install		N	475	-	195,000	-	-	-	
8651	System Renewal	Storage	Compressor Equipment	SM:Industrl Wireless-Install		N	291	97,500	97,500	-	-	-	
8652	System Renewal	Storage	Measurement and Regulating Equipment - Storage	LM:MS Wireless Mesh-Install		N	32	-	-	-	195,000	195,000	
8653	System Renewal	Storage	Compressor Equipment	SCOR:810001 IDC-Replace		Y	42	-	-	650,000	-	-	
8654	System Renewal	Storage	Compressor Equipment	SCOR:HMI PCs-Replace		Y	0	65,000	-	-	-	-	
8661	System Renewal	Storage	Compressor Equipment	SSOM:622xx Vssl Closure-Upgrade		N	26	-	-	-	-	276,761	
8670	System Renewal	Storage	Compressor Equipment	SSOM:Methane Vent-Reduce		Y	0	370,984	738,802	-	-	-	
8671	System Renewal	Storage	Compressor Equipment	SCHT:Methane Vent-Reduce		Y	0	370,984	738,802	-	-	-	
8673	System Renewal	Storage	Compressor Equipment	MM:Leak Detection-Develop		Y	0	98,000	-	-	-	-	
8675	System Renewal	Storage	Wells and Well Equipment	PDOW:TD27 Obs Well-Install		Y	391	1,190,250	-	-	-	-	
8686	System Renewal	Storage	Wells and Well Equipment	PM:ESD Methanol Injectn-Install		Y	0	90,000	-	-	-	-	
8687	System Renewal	Storage	Compressor Equipment	SSOM:61001-Engine Minor		N	731	-	-	-	130,000	-	
8688	System Renewal	Storage	Compressor Equipment	SSOM:61002-Engine minor		N	731	-	-	-	130,000	-	
8841	System Renewal	Storage	Compressor Equipment	SCOR:HMI Hi Perf Graf-Install		N	169	-	-	-	455,000	455,000	
8844	System Renewal	Storage	Compressor Equipment	SCOR:HMI PCs-Replace		Y	0	-	-	-	65,000	-	
8851	System Renewal	Storage	Compressor Equipment	SSOM:UPS-replace		N	73	-	-	-	130,000	-	
8853	System Renewal	Storage	Measurement and Regulating Equipment - Storage	LM:MS UPS-Replace		Y	0	14,300	-	-	-	-	
8854	System Renewal	Storage	Compressor Equipment	SSOM:Platforms-Install		Y	0	65,000	-	-	-	-	
8857	System Renewal	Storage	Wells and Well Equipment	PM:Wells-Acidize		N	397	-	390,816	-	-	-	
8858	System Renewal	Storage	Wells and Well Equipment	PM:Wells-Acidize		N	397	-	-	-	390,816	-	

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Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
8891	System Service	Storage	Integrity Initiatives - Storage	LDOW:NPS24P-ILI Retrofit		Y	0	-	-	-	-	144,900	
8943	System Service	Storage	Records Integrity - Storage	MM:Carryover Dwgs-Comple		Y	0	50,000	-	-	-	-	
8957	System Service	Storage	Records Integrity - Storage	MM:Carryover Dwgs-Comple		Y	0	-	50,000	-	-	-	
8958	System Service	Storage	Records Integrity - Storage	MM:Carryover Dwgs-Comple		Y	0	-	-	50,000	-	-	
8959	System Service	Storage	Records Integrity - Storage	MM:Carryover Dwgs-Comple		Y	0	-	-	-	50,000	-	
8960	System Service	Storage	Records Integrity - Storage	MM:Carryover Dwgs-Comple		Y	0	-	-	-	-	50,000	
8967	System Renewal	Storage	Field Lines	LM:Well Loops-Adjust		Y	0	71,045	-	-	-	-	
8968	System Renewal	Storage	Field Lines	LM:Well Loops-Adjust		Y	0	-	71,045	-	-	-	
8969	System Renewal	Storage	Field Lines	LM:Well Loops-Adjust		Y	0	-	-	71,045	-	-	
8970	System Renewal	Storage	Field Lines	LM:Well Loops-Adjust		Y	0	-	-	-	71,045	-	
8971	System Renewal	Storage	Field Lines	LM:Well Loops-Adjust		Y	0	-	-	-	-	71,045	
8981	System Renewal	Storage	Field Lines	LM:Leaking Valves-Replace		Y	109	462,000	-	-	-	-	
8985	System Renewal	Storage	Field Lines	LM:Leaking Valves-Replace		Y	109	-	462,000	-	-	-	
8987	System Renewal	Storage	Field Lines	LM:Leaking Valves-Replace		Y	109	-	-	307,000	-	-	
8990	System Renewal	Storage	Field Lines	LM:Leaking Valves-Replace		Y	109	-	-	-	307,000	-	
8991	System Renewal	Storage	Field Lines	LM:Leaking Valves-Replace		Y	109	-	-	-	-	307,000	
9016	System Renewal	Storage	Wells and Well Equipment	PM:Well Casing-Replace		Y	153	400,000	-	-	-	-	
9017	System Renewal	Storage	Wells and Well Equipment	PM:Roads&Laneways-Improve		Y	0	66,000	-	-	-	-	
9018	System Service	Storage	Integrity Initiatives - Storage	SM:FIMP Recommend'ns-Implement		Y	0	50,000	-	-	-	-	
9019	System Renewal	Storage	Wells and Well Equipment	PM:Roads&Laneways-Improve		Y	0	-	66,000	-	-	-	
9020	System Service	Storage	Integrity Initiatives - Storage	SM:FIMP Recommend'ns-Implement		Y	0	-	50,000	-	-	-	
9021	System Service	Storage	Integrity Initiatives - Storage	SM:FIMP Recommend'ns-Implement		Y	0	-	-	50,000	-	-	
9022	System Service	Storage	Integrity Initiatives - Storage	SM:FIMP Recommend'ns-Implement		Y	0	-	-	-	50,000	-	
9023	System Service	Storage	Integrity Initiatives - Storage	SM:FIMP Recommend'ns-Implement		Y	0	-	-	-	-	50,000	
9041	System Renewal	Storage	Compressor Equipment	SM:SCADA-Annual Upgrade		Y	0	55,000	-	-	-	-	
9042	System Renewal	Storage	Compressor Equipment	SM:SCADA-Annual Upgrade		Y	0	-	55,000	-	-	-	
9061	System Renewal	Storage	Compressor Equipment	SM:SCADA-Annual Upgrade		Y	0	-	-	55,000	-	-	
9062	System Renewal	Storage	Compressor Equipment	SM:SCADA-Annual Upgrade		Y	0	-	-	-	55,000	-	
9063	System Renewal	Storage	Compressor Equipment	SM:SCADA-Annual Upgrade		Y	0	-	-	-	-	55,000	
9181	System Renewal	Storage	Measurement and Regulating Equipment - Storage	LM:MS UPS-Replace		Y	0	-	14,300	-	-	-	
9182	System Renewal	Storage	Measurement and Regulating Equipment - Storage	LM:MS UPS-Replace		Y	0	-	-	14,300	-	-	
9183	System Renewal	Storage	Measurement and Regulating Equipment - Storage	LM:MS UPS-Replace		Y	0	-	-	-	14,300	-	
9184	System Renewal	Storage	Measurement and Regulating Equipment - Storage	LM:MS UPS-Replace		Y	0	-	-	-	-	14,300	
9542	System Renewal	Storage	Wells and Well Equipment	PM:Well Casing-Replace		Y	153	-	400,000	-	-	-	
9543	System Renewal	Storage	Wells and Well Equipment	PM:Well Casing-Replace		Y	153	-	-	400,000	-	-	
9544	System Renewal	Storage	Wells and Well Equipment	PM:Well Casing-Replace		Y	153	-	-	-	400,000	-	

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Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
9545	System Renewal	Storage	Wells and Well Equipment	PM:Well Casing-Replace		Y	153	-	-	-	-	400,000	
9581	System Renewal	Storage	Wells and Well Equipment	PM:Roads&Laneways-Improve		Y	0	-	-	66,000	-	-	
9582	System Renewal	Storage	Wells and Well Equipment	PM:Roads&Laneways-Improve		Y	0	-	-	-	66,000	-	
9583	System Renewal	Storage	Wells and Well Equipment	PM:Roads&Laneways-Improve		Y	0	-	-	-	-	66,000	
10029	System Renewal	Storage	Compressor Equipment	SCHT:UPS-replace		Y	0	-	-	26,000	-	-	
11703	System Renewal	Storage	Compressor Equipment	SCOR:Storage-Maintenance		N	474	1,240,154	1,017,800	1,134,800	518,000	366,200	
12627	System Renewal	Storage	Wells and Well Equipment	PDOW:TD28H New HWell		Y	74	1,799,983	-	-	-	-	
12628	System Renewal	Storage	Wells and Well Equipment	PDOW:TD29H New HWell		Y	74	1,875,902	-	-	-	-	
12863	System Renewal	Storage	Compressor Equipment	SCOR:Unit Pre-Heat-Convrt		N	31	-	-	-	-	275,000	
12913	System Renewal	Storage	Compressor Equipment	SCOR:62008 Comp-Major O/H		N	653	-	-	325,000	-	-	
12916	System Renewal	Storage	Compressor Equipment	SCOR:62011 Comp-Major O/H		N	563	-	-	325,000	-	-	
12919	System Renewal	Storage	Compressor Equipment	SCOR:61004 Bottom End-O/H		N	509	-	-	400,000	-	-	
12922	System Renewal	Storage	Compressor Equipment	SCOR:620xx Cyl Liner-Replace		N	421	-	-	-	263,040	-	
12924	System Renewal	Storage	Compressor Equipment	SCOR:64105 JWC-Replace		N	246	-	227,267	306,544	-	-	
12925	System Renewal	Storage	Compressor Equipment	SCOR:64106 JWC-Replace		N	225	-	-	227,267	306,544	-	
12926	System Renewal	Storage	Compressor Equipment	SCOR:64107 JWC-Replace		N	210	-	-	-	-	227,267	
12942	System Renewal	Storage	Compressor Equipment	SCOR:Methane Vent-Reduce		Y	0	958,542	1,026,964	-	-	-	
12947	System Renewal	Storage	Compressor Equipment	SCOR:100MOV Yard Valve-Replace		N	38	684,997	-	-	-	-	
12948	System Renewal	Storage	Compressor Equipment	SCOR:100MOV Yard Valve-Replace		N	33	-	392,909	-	-	-	
12949	System Renewal	Storage	Compressor Equipment	SCOR:100MOV Yard Valve-Replace		N	33	-	-	392,909	-	-	
12950	System Renewal	Storage	Compressor Equipment	SCOR:100MOV Yard Valve-Replace		N	33	-	-	-	392,909	-	
12956	System Renewal	Storage	Compressor Equipment	SCOR:100MOD Hdr Valves-Replace		N	103	-	1,041,884	-	-	-	
12957	System Renewal	Storage	Compressor Equipment	SCOR:100MOD Hdr Valves-Replace		N	106	-	100,000	5,118,230	-	-	
12958	System Renewal	Storage	Compressor Equipment	SCOR:100MOD Hdr Valves-Replace		N	100	-	-	100,000	3,766,880	-	
12959	System Renewal	Storage	Compressor Equipment	SCOR:100MOD Hdr Valves-Replace		N	108	-	-	-	100,000	3,766,880	
12960	System Renewal	Storage	Compressor Equipment	SCOR:100MOD Hdr Valves-Replace		N	104	-	-	-	-	50,000	
12975	System Renewal	Storage	Compressor Equipment	SCOR:622xx Bypass Valve-Upgrade		N	85	-	-	-	264,000	-	
12977	System Renewal	Storage	Compressor Equipment	SCOR:622xx Bypass Valve-Upgrade		N	85	-	-	-	-	264,000	
13006	System Renewal	Storage	Compressor Equipment	SCOR:525 UPS-Replace		N	73	-	132,000	-	-	-	
13007	System Renewal	Storage	Compressor Equipment	SCOR:525 UPS-Replace		N	73	-	-	-	-	132,000	
13013	System Renewal	Storage	Compressor Equipment	SCOR:810002 IDC-Replace		N	41	-	-	-	-	660,000	
13014	System Renewal	Storage	Compressor Equipment	SCOR:800 Bldg1 I/O Connection-Replace		N	17307	250,800	-	-	-	-	
13031	System Renewal	Storage	Compressor Equipment	SCOR:MCC3 APU PLC-Rplace		N	0	-	462,000	-	-	-	
13047	System Renewal	Storage	Wells and Well Equipment	PSEC:TS23H Well-Install		N	63	-	-	-	-	605,000	
13048	System Renewal	Storage	Field Lines	LSEC:TS23H G/L-Modify		N	63	-	-	-	-	47,500	
16784	System Renewal	Storage	Field Lines	MM:ESD Bottles-Upgrade		Y	113	120,000	-	-	-	-	

Project Listing for EGD (2019-2023)

Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
16785	System Renewal	Storage	Field Lines	MM:ESD Bottles-Upgrade		Y	113	-	120,000	-	-	-	
16803	System Renewal	Storage	Compressor Equipment	SCOR:512K725-O/H		Y	0	40,000	-	-	-	-	
16806	System Renewal	Storage	Field Lines	MM:ESD Bottles-Upgrade		Y	113	-	-	120,000	-	-	
16807	System Renewal	Storage	Field Lines	MM:ESD Bottles-Upgrade		Y	113	-	-	-	120,000	-	
16808	System Renewal	Storage	Field Lines	MM:ESD Bottles-Upgrade		Y	113	-	-	-	-	120,000	
16825	System Renewal	Storage	Wells and Well Equipment	PSEC:Well Tools-Purchase		Y	0	84,000	-	-	-	-	
16826	System Renewal	Storage	Wells and Well Equipment	PCOR:Well Tools-Purchase		Y	0	-	36,000	-	-	-	
16827	System Renewal	Storage	Wells and Well Equipment	PDOW:Well Tools-Purchase		N	17	-	-	108,000	-	-	
16828	System Renewal	Storage	Wells and Well Equipment	PSKC:Well Tools-Purchase		Y	0	-	-	-	96,000	-	
16829	System Renewal	Storage	Wells and Well Equipment	PMKC:Well Tools-Purchase		Y	0	-	-	-	-	96,000	
16835	System Renewal	Storage	Field Lines	LM:Lateral Separator-Build		N	45	-	-	-	-	950,000	
16837	System Service	Storage	Integrity Initiatives - Storage	LCRW:P/L-ILI Retrofits		Y	0	-	-	500,000	-	-	
18103	System Renewal	Storage	Compressor Equipment	SCRW:Noise-Mitigate		Y	0	250,000	-	-	-	-	
18183	System Renewal	Storage	Compressor Equipment	SCOR:Storage Renewal-FEED		Y	0	2,500,000	-	-	-	-	
19128	System Renewal	Storage	Compressor Equipment	SCOR:61005 Crankshaft-Replace		N	521	3,125,621	-	-	-	-	
19383	System Renewal	Storage	Compressor Equipment	SCOR:525 UPS-Replace		N	73	-	-	132,000	-	-	
19384	System Renewal	Storage	Compressor Equipment	SCOR:525 UPS-Replace		N	73	-	-	-	132,000	-	
19391	System Renewal	Storage	Compressor Equipment	SCOR:60004 iBalance-Upgrade		N	338	-	-	-	-	396,900	
3222	General Plant	TIS	IT Implementation	Business Objects Upgrade and Enhancements		Y	246	-	50,000	-	-	-	
3224	General Plant	TIS	IT Implementation	Data Lake and WAMS DataMart Enhancements		N	121	700,000	250,000	250,000	-	-	
3245	General Plant	TIS	IT Implementation	EnMar Replacement		Y	209	200,000	-	-	-	-	
3246	General Plant	TIS	IT Implementation	GIS/GPS releases		N	138	-	-	250,000	-	-	
3255	General Plant	TIS	IT Implementation	SCADA Replacement Project		Y	158	2,500,000	-	-	-	-	
3284	General Plant	TIS	IT Implementation	Ops Small apps releases		N	0	250,000	500,000	-	-	-	
5583	General Plant	TIS	IT Implementation	CIS Hardware Replacement		N	118	10,000,000	-	-	-	-	
5584	General Plant	TIS	IT Implementation	HANA Software Implementation		N	168	6,400,000	4,000,000	-	-	-	
5646	General Plant	TIS	IT Implementation	Microsoft SQL Server Software Upgrade		N	148	150,000	-	-	-	-	
5647	General Plant	TIS	IT Implementation	Oracle Middleware Upgrades		N	186	-	-	350,000	-	-	
5681	General Plant	TIS	IT Implementation	Oracle Database Software Upgrade		N	291	-	270,000	-	-	-	
5685	General Plant	TIS	IT Implementation	ETL Tools and Enhancements		N	222	300,000	-	-	-	-	
5949	General Plant	TIS	IT Implementation	CS&C Initiatives		Y	184	400,000	650,000	550,000	250,000	-	
5968	General Plant	TIS	IT Implementation	WAMS stabilization & releases (2018 - 2027)		Y	106	2,500,000	3,000,000	3,000,000	-	-	
6049	General Plant	TIS	IT Implementation	Asset Management IT		N	480	800,000	800,000	800,000	-	-	
8551	General Plant	TIS	IT Implementation	SAP BW Enhancements		Y	90	200,000	-	5,000,000	-	-	
8576	General Plant	TIS	IT Implementation	IT Meeting Room AV Sustainment		N	260	-	-	740,000	-	-	
8601	General Plant	TIS	IT Implementation	System Measurement Systems		Y	133	200,000	200,000	200,000	-	-	

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Business Case ID	Investment Category	Asset Class	Asset Program	Project Name	ICM - Eligible	Mandatory	LRROI (%)	2019 (\$)	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	Potential for LTC
8602	General Plant	TIS	IT Implementation	Operation Digital		N	188	1,300,000	3,000,000	1,000,000	-	-	
8603	General Plant	TIS	IT Implementation	Engineering Application/Network Analysis/Land Management Releases		N	164	500,000	500,000	500,000	-	-	
8683	General Plant	TIS	IT Implementation	Customer Experience Transformation (Digital) (includes all business cost and Accenture cost)		N	184	7,000,000	-	-	-	-	
8684	General Plant	TIS	IT Implementation	Mobile Records / Records Access in the Field		N	111	-	-	1,500,000	-	-	
8923	General Plant	TIS	IT Implementation	IT - 00 - Desktop Sustainment (2018 - 2027)		Y	123	400,000	400,000	400,000	-	-	
8925	General Plant	TIS	IT Implementation	IT - 00 - Desktop Replacement (2018 - 2028)		Y	122	870,000	2,000,000	1,575,000	-	-	
8926	General Plant	TIS	IT Implementation	IT - 00 - Mobile Devices (2018 - 2027)		Y	121	250,000	250,000	250,000	-	-	
8927	General Plant	TIS	IT Implementation	IT - 00 - Microsoft Enterprise Agreement (2018 - 2027)		Y	72	1,300,000	1,300,000	1,300,000	-	-	
8944	General Plant	TIS	IT Implementation	Records Storage Repository 2018		N	1108	400,000	-	-	-	-	
9307	General Plant	TIS	IT Implementation	Gas Storage Business Solutions (2019)		N	179	500,000	-	-	-	-	
9308	General Plant	TIS	IT Implementation	Gas Storage Business Solutions (2020)		N	179	-	400,000	-	-	-	
9309	General Plant	TIS	IT Implementation	Gas Storage Business Solutions (2021)		N	179	-	-	400,000	-	-	
9318	General Plant	TIS	IT Implementation	Finance Business Solutions (2019)		N	131	220,000	-	-	-	-	
9319	General Plant	TIS	IT Implementation	Finance Business Solutions (2020)		N	131	-	450,000	-	-	-	
9321	General Plant	TIS	IT Implementation	Finance Business Solutions (2021)		N	131	-	-	520,000	-	-	
9341	General Plant	TIS	IT Implementation	Customer Care Information System (CIS) Business Solutions (2019 -2021)		Y	91	400,000	400,000	800,000	800,000	-	
9344	General Plant	TIS	IT Implementation	Integrity Business Solutions (2019)		N	130	225,000	225,000	-	-	-	
9346	General Plant	TIS	IT Implementation	Integrity Business Solutions (2020)		N	130	-	750,000	-	-	-	
9348	General Plant	TIS	IT Implementation	Integrity Business Solutions (2021)		N	130	-	-	550,000	-	-	
9683	General Plant	TIS	IT Implementation	GIS/GPS Upgrades		Y	93	1,000,000	1,000,000	-	-	-	
11403	General Plant	TIS	IT Implementation	EQMT Upgrade & Enhancements		N	0	-	200,000	-	-	-	
15803	General Plant	TIS	IT Implementation	Project Portfolio Optimization		N	480	-	500,000	-	-	-	
16704	General Plant	TIS	IT Implementation	Major projects & Planning TIS program		N	55	300,000	300,000	500,000	360,000	-	
16705	General Plant	TIS	IT Implementation	NetOps TIS program		N	68	100,000	500,000	200,000	500,000	-	
16706	General Plant	TIS	IT Implementation	Telemetry Security Improvements		Y	0	200,000	-	-	-	-	
16710	General Plant	TIS	IT Implementation	Distribution Protection and Operations Services TIS Program		Y	52	300,000	600,000	500,000	360,000	-	
16718	General Plant	TIS	IT Implementation	Extranet Releases (2021-2028)		N	863	-	-	400,000	-	-	
17943	General Plant	TIS	IT Implementation	IT Business Applications Upgrades, Enhancement Projects, Infrastructure Upgrades (2022-2028)		Y	0	-	-	-	22,141,286	22,141,286	
19323	General Plant	TIS	IT Implementation	Small Application Upgrade		Y	0	20,000	-	-	-	-	