

Document 2: Projects Recommended for 2018 HOL Surplus Dividends Funding

Project	Estimated Total Project Cost	Partner/ External Funding	HOL Dividends Funding Request	Considerations	Scale
1. Install a 150 kW EV fast charging station in Ottawa as a pilot/demo project	\$200,000	\$40,000 (secured) \$50,000 (pending federal decision)	\$120,000	<ul style="list-style-type: none"> - Hydro Ottawa has committed \$10,000 and Electric Circuit has committed \$30,000 to support this project - Potential for the project to receive \$50,000 in NRCan grant funding (decision expected early June) - Project requires City funding in order to proceed - Project has considerable promotional value (i.e., first of its kind in Canada) - Project is an EE PH1 Action Item 	Suburban
2. Biogas Optimization Study	\$100,000		\$50,000	<ul style="list-style-type: none"> - Grant funding of up to 50 percent of total project cost is potentially available to support this project through FCM's Green Municipal Fund - Project is an EE PH1 Action Item - A preliminary scope of work has been drafted 	City-wide
3. Replace	\$100,000		\$100,000	<ul style="list-style-type: none"> - Project is an EE PH1 Action 	Rural

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propane heating at a corporate facility with biomass and/or heat pumps				<ul style="list-style-type: none"> Item - Project has educational value with regards to exploring alternative fuels in rural areas and areas that are not connected to the natural gas grid 	
4. Install controls in facility vestibules to reduce heating costs (estimate of 30 vestibules)	\$45,000		\$45,000	<ul style="list-style-type: none"> - Project targets natural gas used for unnecessary space heating - Project has a relatively quick simple payback of 5.5 years 	City-wide
5. Replace outdoor light fixtures at City Hall	\$55,000		\$55,000	<ul style="list-style-type: none"> - Promotional value with regards to visibility at a high-profile municipal facility - The projected energy savings are substantial at 70 percent - Project is supported by Facility Manager at City Hall - Lighting upgrades have already been undertaken on the south side (Lisgar Street) of the City Hall complex 	Urban
6. Wood Heat Changeout Program	\$100,000	In-kind contributions	\$100,000	<ul style="list-style-type: none"> - Rebate program can be administered and monitored by community partner(s) 	Rural

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				<ul style="list-style-type: none"> - Rebate program can be complemented by a public education program on effective wood burning practices, techniques and safety tips 	
7. Convert the hot tub and kiddie pool heating at Walter Baker Sports Centre from electric to heat pump system	\$60,000		\$60,000	<ul style="list-style-type: none"> - The project has a relatively quick simple payback period of 5.5 years - Placing the condenser in the facility basement will also positively impact that work area as it will remove wasted heat, thus making the work space a much more comfortable area to work in 	Suburban
8. Upgrade or replace outdoor lighting, wall sconces and linear tube lighting at the Jim Durrell complex	\$100,000		\$100,000	<ul style="list-style-type: none"> - Much of the facility's existing lighting is dated - The new lighting will be half as energy intensive and reduce maintenance costs - Better light and rendering will improve the appearance of a facility that is used extensively and does host some high-profile events - Better rendering and more focused lighting should lead to enhanced security, particularly 	Urban

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				in the parking lot	
TOTAL:			\$630,000		