



The Corporation of the Township of Huron-Kinloss

Staff Report

Report Title: Point Clark Standby Generator

Prepared By: John Yungblut, Director of Public Works

Department: Public Works

Date: Feb. 17, 2023

Report Number: PW-2023-02-11

File Number: C11 PTC 23

Attachments: Standby Generator Quote, Generator Listing

Recommendation:

That the Township of Huron-Kinloss Council hereby receives for information Report Number PW2023-02-11 prepared by John Yungblut, Director of Public Works

Background:

On Jan. 16, 2023, Council requested staff bring forward a report regarding the upgrade of the existing manual generator transfer switch (which requires the use of a portable generator in the event of a power failure) to an automatic transfer switch with a standby generator at the Point Clark Pump House.

Discussion:

Township staff requested budgetary pricing for the installation of an automatic transfer switch and standby generator. Both diesel and natural gas fuel sources were considered.

The estimate we received is attached to this report. Because of source water protection concerns and potential issues with refueling a diesel generator during an extended power outage, Township staff would recommend Option 2 over Option 1.

In the opinion of Township staff, the risk of not being able to supply drinking water in an extended power outage is relatively low. When a storm is forecasted, we position one of our generators at the Point Clark Pump House and make sure it is filled with fuel. Situations where the weather is so severe that water operations staff cannot visit the site are rare and, in those instances, we have Township staff and local contractors in Point Clark that are able to assist. These events are typically in the winter months, so the Lakeshore Standpipe can normally operate the system for

about 48 hours before it begins to lose pressure due to the lower demand. We also have the option to supply water from Blairs Grove if it is not impacted by the same power outage.

At this time, Township staff would prefer to allocate the \$100,000 this project will cost to other water projects such as the redevelopment of Point Clark Well 3 to replace Blairs Grove Well 3 or an EA for a potential water storage site in the northern Lakeshore area. If we do expand Point Clark Well 3 and fully abandon the Blairs Grove site, then staff would support the installation of a standby generator at Point Clark because there would then be no other well in Zone 1 that could fill the Lakeshore Standpipe.

Financial Impacts:

The proposed 2023 Capital Budget does not include this project. If Council elects to move ahead with the standby generator in Point Clark, it will have to be funded from water reserves.

Strategic Alignment / Link:

The information provided in this report is consistent with and in keeping with the Municipality's Vision & Mission. The recommendations contribute to our goals in achieving a prosperous community that continues to grow in a sustainable manner by investing in infrastructure.

Respectfully Submitted By:

John Yungblut, Director of Public Works.

Approved By:

Mary Rose Walden, Chief Administrative Officer