

Information Report

Title: Bruce Power Water Supply
Capital Project Review

Report Number: Environmental Services-2025-
08

Director: Infrastructure &
Development

Manager: Environmental Services

Meeting Date:
Wednesday, February 26, 2025

Executive Summary:

Deliberations on the 2025 budget highlighted the opportunity to provide a report to bring together all previous reports and provide current status of the Bruce Power Water Supply Capital Project. Staff have been working with Bruce Power and consultants on the tender documents for upgrades required to bring on Bruce Power as a municipal water customer. The 2025 budget includes project G104 to complete the necessary upgrades at the Kincardine Water Treatment Plant (KWTP). The project is summarized in the report and attachments. Staff note that through the agreement with Bruce Power there are components of the project that will be fully funded by Bruce Power and other components where there is shared benefit, and the agreement provides for cost sharing. The capital project identifies the estimates of the municipal portion of the project costs as \$2.965M.

Context and Background Information:

Staff have included historical reports and attachments outlining the project from early stages to the current status. We are at a point of tendering projects and hope to release early in 2025 and have requested funds within the 2025 Capital budget to move the project forward to construction. Bruce Power will be solely responsible for costs associated with the trunk watermain extension and booster pumping station (BPS) construction; while costs will be shared for upgrades completed at the Kincardine Water Treatment Plant (KTWP).

Upgrades completed at the KWTP will benefit future growth opportunities and bring the system to current standards and update aged infrastructure along with adding the additional capacity to support Bruce Power's needs. Both parties will have the opportunity to take an off ramp built into the agreement should tendering provide undesirable results.

During budget deliberations Council questioned the overall cost of the KWTP. This report summarizes the costs within the financial section pertaining to that upgrade, and highlights the costs associated with the works Bruce Power will be funding solely. Stantec's current project estimate provides a total cost of \$11,975,000; with the estimate updated in December 2024.

This includes the upgrades at the KTWP along with the construction of the new booster pumping station and the trunk watermain extension. The KWTP scope amounts to \$6,982,000, with Kincardine's share amounting to \$2,965,000. Based on current project cost estimates, Bruce Power will be responsible for funding \$9,010,000 of the works. As with any capital project, if the scope changes there are likely to be financial implications and actual pricing is dependent on responses from the market.

Consultation Overview:

Staff have been working with Stantec, BMROSS, and Bruce Power along with consultation with the community through an Environmental Assessment during earlier stages of the project.

Origin:

Budget deliberations and Council enquiry.

Attachments: ES-2022-04; ES-2022-10; ES-2023-15; ES-2023-29; ES-2023-37; ES-2023-46; ES-2023-48
Bruce Power – Kincardine Water Services Agreement
Summary of Bruce Power – Kincardine Agreements Payments Schedule

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