



GRAND RAPIDS PUBLIC UTILITIES COMMISSION AGENDA ITEM

AGENDA DATE: May 10, 2023

AGENDA ITEM: MN North College – Itasca Student Presentation on Wastewater Effluent Hydro Generator Project

PREPARED BY: Steve Mattson, Water Wastewater Manager

BACKGROUND:

In an effort to support our local community, GRPU often partners with Minnesota North College – Itasca by providing opportunities for students to work on actual projects for the utility. This spring, four second-year engineering students selected one of our projects as part of their Engineering Design IV course, a class that helps students gain insight into the personal, interpersonal, ethical and professional topics required for success in their education and their profession.

Alex Olson, Tate Blomquist, Jacob Petron, and Ethan Crimmins worked with me this past semester on investigating the possibility of adding a hydro generator to the wastewater effluent stream. The students researched different generator options and learned the challenges of working on projects from all the various perspectives.

The students will present their research findings at the Commission meeting.

RECOMMENDATION:

Review and discussion only.