

NEWEA Plant Operations Committee and Energy Committee

Tour the [Greater Lawrence Sewer District \(GLSD\)](#) Facility



The NEWEA Plant Operations Committee and Energy Committee presented a conference on April 14-15, 2022 in Haverhill, MA highlighting best practices for energy efficiency, capital upgrades and plant operations. The event included a facility tour of Greater Lawrence Sanitary District (GLSD) facility on Thursday, April 14th. The tour was led by Executive Director (and recent Hatfield Award winner and MAWEA member) Cheri Cousens and Operations Manager (and MAWEA member) Brett Leavitt. GLSD powers their entire facility with the energy they create converting food waste and biosolids to fuel.

Minimizing their impact on both the environment and municipal budgets. Project Net Zero was undertaken to meet 100 percent of their electricity needs by converting food waste and biosolids to fuel. Starting in 2016, and reaching completion in December 2019, Project Net Zero has allowed GLSD to do exactly that: meet our their electricity needs through self-sufficient energy production. The project also continues to protect the health of residents with back up power capabilities and save millions for ratepayers in GLSD's communities.

Project Net Zero is also expected to reduce — by as much as 20 percent — collective greenhouse gas emissions within the Greater Lawrence Area, equivalent to taking 1,000 cars off area roads every year.

