



Michigan Chapter

Anaerobic Digester Workshop: The future of manure and food waste management

Date of Workshop – Friday, September 15, 2023 – 1 to 4 PM

Description: Manure digesters are becoming an important part of Michigan's diverse portfolio of renewable energy production. These systems are providing farmers with opportunities for additional revenue streams through harvesting bio-gas produced by the anaerobic digestion of their farm's animal manure. However, these systems are complex, have multiple design options, and frequently include the potential for additional treatment options. When designed and operated correctly, anaerobic digesters produce bio-gas that is collected, cleaned, and sold as Renewable Natural Gas. As a bonus, the treatment process can significantly reduce manure bacteria levels, improve the availability of manure nutrients, and reduce manure odors.

Workshop participants will learn the fundamentals of anaerobic digestion and tour a new anaerobic digester that is designed to treat manure from three large dairy farms and generate renewable energy from manure.

There is no fee for this Workshop, but registration is needed for planning. See link below.

Location: Polkton Township Hall, 6900 Arthur Drive, West, Coopersville, MI 49404
Farm site – Ottawa County Farm, LLC., 18080 80th Avenue, Coopersville, MI 49404

1:00 p.m. Program:

Introduction and Overview of anaerobic technology:
James DeYoung, CJD Farm Consulting
Dana Kirk, Ph.D, PE and Engineer Consultant,
and Retired faculty, Michigan State University

Break: Refreshments and drive to farm location – Ottawa County Farm, LLC. 18080 80th Avenue, Coopersville, MI 49404

On farm presentations:

Bright Mark Renewal Energy: Company Representative
Farmer: Greg Stahl

4:00 p.m. Adjourn workshop

To Register, go to this link: <https://forms.gle/MjF1gRWXSHSxFDiN8> (There is no fee!)