LET’S LEARN ABOUT ANAEROBIC DIGESTION
Solids and liquids are collected to produce other materials, like nutrient rich fertilizer and compost, or dried to create animal bedding.

Biogas can be processed into renewable natural gas to create power, heat or even vehicle fuel. This is used in the same way as fossil-based natural gas, and can be fed directly into the pipeline grid or used in transportation.

Some farms use the biogas to power generators that create electricity. This electricity can also be connected directly to the power grid, or used to power the farm where it is created.

Thanks in part to digesters, more dairy farmers are turning cow manure into something we can all use.

Cow manure, along with other biodegradable materials like food scraps and organic waste, is collected and fed into anaerobic digesters.

Anaerobic digesters are just one of the ways dairy farms contribute to healthy people, healthy communities and a healthy planet.

Anaerobic digestion is a natural process in which micro-organisms break down organic materials. The process must occur in a closed space with no oxygen. The materials are broken down in covered, airtight tanks by naturally occurring microorganisms, which creates biogas, solids and liquids.