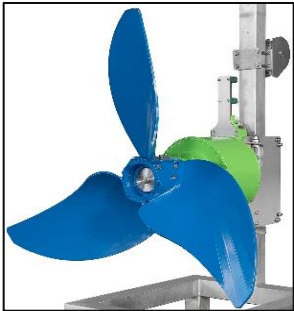


Key to Increase Digestion Capacity and Get to Net Zero: The Omnivore™

Wastewater Treatment Plants that have anaerobic digesters can typically power 40% of their electrical demand by converting their biogas to electricity. If a plant wishes to produce 100% or more of its electrical demand, it can choose to bring in additional feedstock for digestion. Anaergia can easily create additional digestion capacity by converting existing digesters into Omnivores.

Typically, the Omnivore™ process can increase digester capacity by up to 300% by increasing its solids content, made possible by Anaergia's high efficiency smart mixers and screw thickeners. With additional digester capacity and external feedstock, the WWTP can become energy positive and generate revenues to reduce its operational expenses.



Victor Valley, CA, Digester converted into an Omnivore™

Key for bringing High Quality Feedstock to WWTPs: The OREX™ Press

Once the WWTP has the capacity to accept more feedstock, the next step will be to find organics to feed the digesters. The plant can then not only increase its power generation but also accept tipping fees, another source of revenue for the WWTP. Anaergia will work with the local waste company and offer its suite of technologies, which include the OREX™ (Organic Extrusion Press), that effectively extract organics from solid wastes (i.e. food wastes or mixed solid wastes) and, together with other polishing technologies, generates a clean, high quality organic feedstock for the digesters.

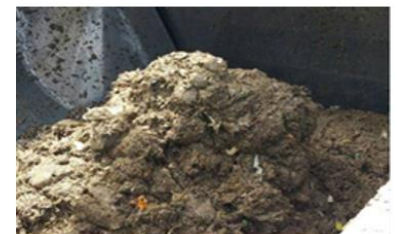
Residential Garbage (MSW)
Solids Separated Organics (SSO)
Wet Commercial Waste (WCW)



OREX™



Digester Ready Feedstock



*The OREX captures over 95% of the putrescible organics in mixed waste to produce clean feedstock for digestion, enabling the production of **clean energy, fertilizer**, and increased recovery of **recyclables** - instead of **landfilling***