

Urban Dry Digester – General Overview

Technology	BioFerm
System Type	Dry - Batch
Target Temp	Mesophilic
Target Internal Solids Content	35%
Target HRT	28 days
Tons per Year	10,000
Feedstock / Recipe	Foodwaste – 53% Yard Waste – 23% Farm Bedding – 24%
Organic Loading Rate	4.0 kg VS/m ³ /day
CHP Size	370 kW
Electric Sales (\$/kWh)	\$0.09 (Export via PPA with WPS)
Biogas Yield	118 SCFM (½ from plant and ½ from WWTP)
Methane Content	58% CH ₄
Electrical Production	178 MW per month is our annual monthly AVG
Digestate	300,000 Gal/Year Liquid 7,000 Tons per year solid
Digestate End Use	Liquid – Land applied Solid – Composted and sold in bulk and bags

Site Pictures:

