INNOVATIVE & RELIABLE WASTE SOLUTIONS FOR THE 21st CENTURY
CURRENT PRIMARY OUTLET FOR AGRI-CYCLE
ACCEPTS VARIOUS FORMS OF ORGANIC WASTE
CONVERTS ANIMAL & ORGANIC WASTE INTO ELECTRICITY
RENEWABLE ENERGY COMPANY USING AD TECHNOLOGY
• ORGANIC WASTE COLLECTION COMPANY
• TRUCKING RESOURCES TO TRANSPORT A VARIETY OF MATERIAL
• SERVING CUSTOMERS IN NEW ENGLAND
THE PROCESS:

MANURE COLLECTED FROM COWS; OFF-FARM ORGANIC WASTE DELIVERED DAILY
Each vessel is about 60ft in diameter and holds approximately 400,000 gallons of material.

Manure and off-farm waste added in a 70%:30% ratio; combined material heated to around 100°F and mixed intermittently for 20-30 days.
BIOGAS (60% METHANE, 40% CO2) BURNED TO POWER THE GENERATOR

GENERATOR PRODUCES ENOUGH HEAT TO REPLACE 700 GALLONS OF OIL EVERYDAY AND ENOUGH ELECTRICITY TO POWER 800 HOMES ANNUALLY
SOLID WASTE USED AS ANIMAL BEDDING AND/OR COMPOST  +  LIQUID WASTE USED AS CROPLAND FERTILIZER  =  ZERO WASTE
MAINE’S FIRST DEPACKAGING SYSTEM

• CAN PROCESS UP TO 20 TONS/HR
• PAPER, CARDBOARD, METAL, PLASTIC
MULTIFACETED TRANSPORTATION FLEET

TRUCKING NETWORK THAT INCLUDES COLLECTION TRUCKS AND TOTES TAILORED TO CLIENT NEEDS

WE DISPOSE OF:
• PRE- & POST-CONSUMER WASTES
• SOURCE SEPARATED MATERIALS
• PACKAGED FOOD WASTE
MULTIFACETED TRANSPORTATION FLEET

TRUCKING NETWORK THAT INCLUDES VACUUM TANKERS, DUMP TRAILERS, BOX TRAILER, AND RENDERING TRUCKS

OUR LONG-HAUL ROUTES CONSIST OF:
• LIQUID, SOLID, & SLURRY RESIDUALS
• PACKAGED WASTE ON PALLETs
• FATS, OILS, & GREASES (FOG)
THE FUTURE LOOKS BRIGHT!

- Exeter Agri-Energy Plant Expansion from 1MW to 3MW = 150 Tons/day or 50,000 Tons/year of organics
  - Fall 2016 (Second engine to 2 MW)
  - Spring 2017 (Third engine to 3 MW)
- New partnership with Ecomaine (August 2016)
- Organics consolidation point near ME-NH border (Late 2016)
- BioCNG facility for on-site fuel production and internal trucking fleet fueling
- R&D of co-located commercial greenhouse operation
THANK YOU!
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