



WTE Infrastructure Concerns



- Power
 - How much required for startup / operation?
 - Net overall output?
 - Integration with existing grid? Privatization, other utility agreements?
 - Are you creating another critical power demand?





WTE Infrastructure Concerns



- Integration into current waste handling areas
 - Co-located in existing permitted area?
 - Landfill
 - Transfer station
 - Compost yard





WTE Infrastructure Concerns



- Space Req.
 - Incoming waste storage, processing
 - By products
 - Fuel needs





WTE Infrastructure Concerns



- Water
 - How much daily, or per unit waste?
 - What quality required?
 - Rainwater, graywater?
 - Location available near water and sewer lines?





WTE Infrastructure Concerns



- Wastewater
 - How much per day or per unit of waste?
 - Will it require pre-treatment before discharge to sanitary?
 - Will it affect POTW permitting?
 - Could it be reused for irrigation?





WTE Infrastructure Concerns

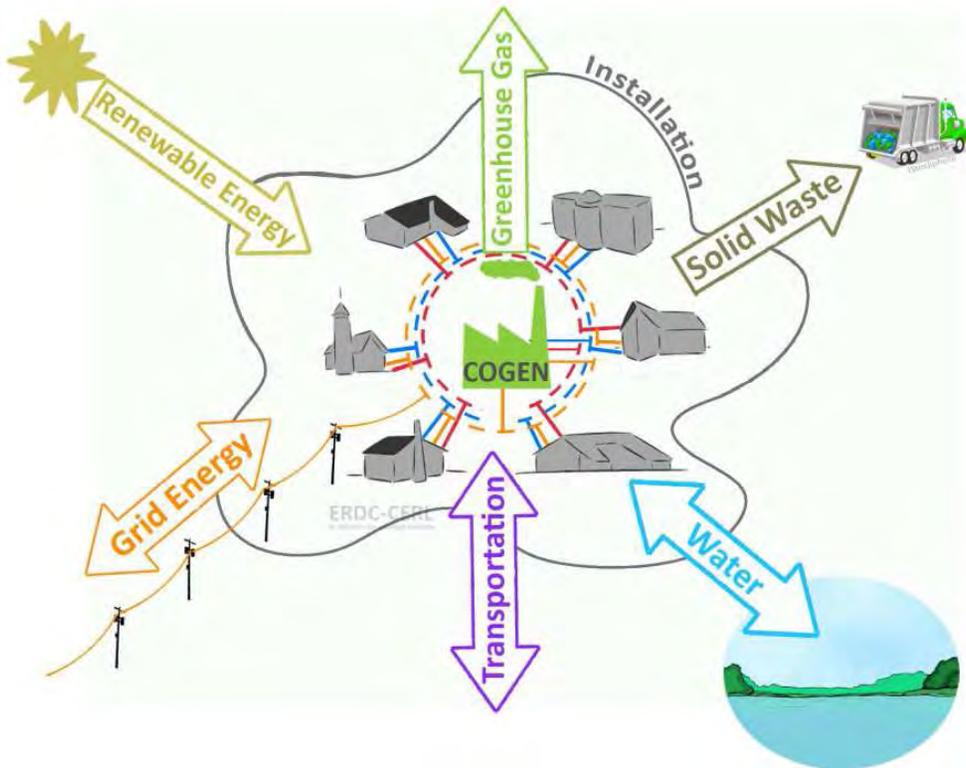


- Waste accumulation
- Air emissions, permitting
 - Varies (obviously)
 - Make sure actual technology, emissions are addressed.
 - May not be a neat fit to current regulatory structure





WTE Infrastructure Concerns



Friday, 10:30 Role of Modeling in NZI Planning Option – Dr. Mike Case, ERDC-CERL