

Biodiesel Worksheet

<https://www.nysed.gov/About/Publications/Research-and-Development-Technical-Reports/Biomass-Reports> (#14 & #5)

#14 Biomass and Bioenergy— Framing the Debate

1. Read the article.
2. Define the meanings of carbon neutrality, renewable, and sustainable.
3. In your opinion, what types of biomass/bioenergy sources or processes are best suited to be sustainable?

#5-EVALUATING POTENTIAL BIODIESEL MANUFACTURING SITES IN NEW YORK STATE

1. S-2; How many biodiesel plants are located in the US? In NY?
2. S-2; What is the market estimate for biodiesel (gallons/yr)?
3. S-4; What are two saleable by-products from biodiesel production?
4. 2-12; What are the three NY counties most suitable for a biodiesel production facility?
5. S-1; What was the projected Internal Rate of Return (IRR) on a 15 million gallon per year biodiesel production facility in NY? What do equity investors typically expect?