



Session III: New Technologies-Connecting the Dots

Conversion Technology Project Proponents

Questions to ask all companies:

1. What is the name of this process, and how does it work?
2. What is the physical site address for the project?
3. Is there a similar facility like this in operation already? If so, where?
4. Is this a research facility or a commercial facility?
5. Do you have photos and diagrams?
6. Would you require a put or pay contract?
7. Who is the project lead and what is their contact information?
8. Who owns the land and what is their contact information?
9. What is the status of permits for the project (CEQA, Air, Water, Land, Fire, and Zoning)?
10. What is the time line for the project
11. What is the total project sources and uses of funds?

Questions to ask anaerobic digestion or hydrolysis/fermentation companies:

1. What are the inputs to this process? Does it require a highly source-separated feedstock? Do you want mixed garbage?
2. What pre-processing is performed to ensure the quality of the finished product?
3. What are the by-products of the process? Are there any by-products that cannot be beneficially reused?
4. What information about releases and emissions can you provide?
5. Additional anaerobic digestion question: Are all components marketable as soil amendment or must they be processed further through composting or another method?

Questions to ask gasification, pyrolysis, and plasma companies:

1. What are the inputs to this process? Does it require a highly source-separated feedstock? Can you use mixed garbage?
2. What are the outputs and wastes created by this process?
3. Do you have data about emissions to air as well as liquid and solid releases from all processing stages?
4. Are these from a research facility or a commercial facility?
5. Do you have any data from operations during upset conditions and during start up and shut down of the facility?
6. What are the waste streams to be treated with this process?
7. If you have a plan to avoid all PVC, what is it? (High temperature treatment of PVC can create dioxins)
8. How much energy would be required to heat the feedstock? How much energy will be produced?
9. What would happen in the facility if not enough waste were available to be processed? Will it be forced to shut down temporarily? How frequently might this happen?
10. What kind of water treatment system would you have?
11. Would solid wastes from the process be classified as hazardous waste? How would these wastes be disposed?