

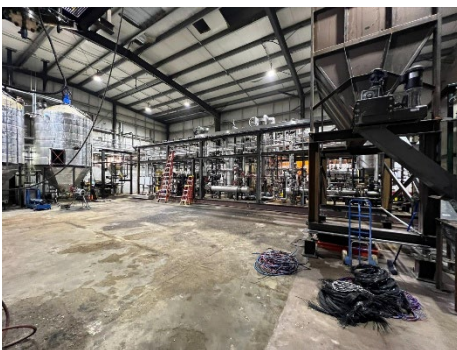


June 11, 2026 Rev 1

Questions for TCD Pilot Plant PK-8835
Thermodynamic Depolymerization Pilot Plant
Waste To Fuels, Inc., Alberta
W2f.ca

Thanks for the call this morning regarding this system. We are building a marketing deck and want to send out eBlasts as soon as we can to generate interest. Can you or your engineer please answer these questions for us.

1. We understand this system is modularized and it must be relocated, and that it consists of one approx. 48 ft long module, a separate large feed hopper on load cells, and an MCC. Are there any other separate pieces that go with the sale and would ship. **There is a large screw conveyor and two hoppers**
2. Will you load out this system at no charge? **I think that depends on the price offered and is negotiable, it will costs approx. \$10,000 cnd.**
3. For shipping purposes, we will need size LxWxH and weight of module, hopper, MCC (and any other items included in sale).
 - a. **Standard 20 foot c-can,4000 kg**
 - b. **Main Module – length 17.340m, width 4.577m, height 5.789m, weight 37,613kg**
 - c. **Large Hopper length 4.270m, width 1.918m, height 3.780m, weight 2,500kg**
 - d. **Large Hopper Base length 3.285m, width 2.100m, height 2.600m, weight 1000kg**
 - e. **Small Hopper length 3.680m, width 1.880m, height 3.210m, weight 1000kg**
 - f. **Screw Conveyor length 8.050m, width 1.115m, height 0.490m, weight 500kg**
 - g. **MCC length 3.055m, width 1.222m, height 2.570m, weight 750kg**



download on the cloud

4. Ref: picture 28. Large rectangular hopper on load cells shown on right in photo. We understand this to be the lignocellulosic feed hopper at the start of the system. Will need size, weight, specs. **See above**

5. Need equipment specifications and drawings for all the major equipment shown on the PFD diagram. **Will download on the cloud**

6. The equipment list does not seem to match the simplified flow diagram. We would need a detailed equipment list **Will**

7. Need photos and description of controls. Are they plc's? How controlled – HMI or touch screen? The control room is being used by a different refinery we are operating, we have the software but they will need their own PC's
8. Need Photos of each of the 15 major pieces including nameplate Will download on the cloud
9. Does plc coding/ladder logic software come along with sale? Is initial programmer available to consult on installation and start-up We have the software and experienced people.
10. What is voltage and frequency of electrical system and equipment? 480volt/3 phase 1200amp/60 hertz
11. Are there any spares – need list No spares
12. Need detailed PFD Will download on the cloud
13. Need detailed P&ID Will download on the cloud
14. Can we have a data link to all information on this plant? Or we can establish a DropBox link for you to drag all into. We need to pull all into a Virtual Data Room (VDR) Done
15. Where did solids cooling conveyor discharge to. We had the solids conveyed into a dumpster
16. Is the system rated explosion proof.? Would it meet US codes Class 1 Div 1? Yes it is Class 1, Div 2
17. Are there any pressure vessels? Are they CRN and would they meet US ASME Yes
18. Is this system and its design confidential? Do our clients need to sign an NDA to access data? We have patents on the process, so we would prefer to have them sign an NDA, there is a lot of information being provided
19. Does this system generate any waste (especially wastewater or liquid), that would need handling or disposing? Excess reactor slurry is directed to the waste system for carrier fluid recovery and solids cooling. Carrier fluid/solids separation occurs in the trommel separator, where an internal rotating drum screen filters the solids from the slurry. Waste solids are cooled via a direct quench spray and a cooling conveyor screw before discharge into a waste bin fitted with load cells to measure solid mass production. Recovered carrier fluid from the trommel flows into the recovered liquid accumulator.
20. Year built; year started up on water testing September 2022