

## Commercial APS Plant goes “operational” (Oct. 13, 2006)



1) Eight tons of food waste (digester feedstock) shipped from Oakland by NORCAL arrives at the Onsite Power Systems' APS digester site at UC Davis on October 12, 2006.



2) Close up view of the food waste material.



3) Food waste is placed on receiving pad.



4) On October 13, 2006 the food waste is quickly moved from receiving area with a Bobcat loader.



5) The waste is loaded onto a conveyor which quickly carries it up to the hydraulic ram pump hopper.



6) This view is of the hopper holding a load of food waste.



7) The food waste is pumped into the base of the hydrolysis tank through 10-inch pipes. All 8 tons were loaded into the hydrolysis tank in less than two hours.



8) On October 13, 2006, two 3,500-gallon trucks bring 6,000 gallons of anaerobic, thermophilic digester sludge from East Bay Municipal District to Onsite Power Systems' APS digester plant at UC Davis. The sludge contains the methane-producing bacteria to populate the methane generating gasification tank.





9) Driver is hooking up the digester's gasification tank for transferring sludge.

