



BIOGAS PROJECT

The Pima County Regional Wastewater Reclamation Department has developed the Biogas Utilization Master Plan to maximize the beneficial use of biogas generated through the digestion process at the Tres Rios Water Reclamation Facility.

Biogas is a mixture of gases produced through the breakdown of organic matter during the digestion process. Biogas is primarily composed of methane and carbon dioxide.

RWRD generates an average of 800,000 cubic feet of biogas per day.

The international firm, Aenergia, was selected through the Request for Qualifications process to construct a facility to beneficially use biogas.

Aenergia is headquartered in Ontario, Canada but has offices in Eaton Rapids, Michigan; Carlsbad California; Boise, Idaho; and Stillwater, Oklahoma.

Contract negotiations with Aenergia are underway.

Aenergia's proposal is to:

- Take the biogas generated at the Tres Rios WRF
- Clean the biogas to pipeline quality
- Inject the cleaned biogas into the commercial natural gas pipeline
- Sell the gas to the renewable energy market
- Give Pima County a percentage of sale revenue

Preliminary cost estimates for the construction of the necessary infrastructure is \$10,000,000. This cost would be borne by Aenergia.

The projected completion date of this project is December 2015.