

# Cogeneration

## AT EL ESTERO WASTEWATER TREATMENT PLANT

In 2013 the City entered into a Power Purchase Agreement with a third party to design and install an engine cogeneration system that uses the majority of the bio gas produced by the Plant. This system provides electricity and hot water for plant operations from a renewable resource. Prior to this project, much of the existing bio gas produced was wasted through a flaring process.

In 2014 the Cogen system produced 4,415,546 kWh which was 63% of the plant's total electrical need.

This project has significantly contributed to the City's increased use of renewable energy while achieving cost savings for the City.

