



CASE STUDY :: SX RENEWABLE ENERGY GENERATION FACILITY

Client:	Sussex County Municipal Utility Authority
Location:	Sussex County Solid Waste and Recycling Facility, Lafayette, NJ
Services:	Design, build, own, operate and maintain
Commercial Operation:	Anticipated Summer 2011
Plant Capacity:	3.2 MW
Developer:	SX Landfill Energy LLC

CUSTOMER PROFILE

SCMUA has retained SX Landfill Energy LLC to design, build, own and operate a 3.2 MW Landfill Gas to Energy Facility. The facility will be located at the Sussex County Solid Waste and Recycling Facility in Lafayette, New Jersey.

PROJECT SUMMARY

SX Landfill Energy LLC is a wholly owned subsidiary of Energenic, a partnership between long-term business partners Marina Energy and DCO Energy.

The Project consists of installing a gas treatment and conditioning system, two Caterpillar 3520 Engine Generator Sets, radiators, gas blower skid, high voltage electrical distribution and switchgear equipment, controls and interconnection piping and wiring. Using landfill gas in this manner reduces dependence on other natural resources, and improves air quality and carbon emissions.

The system will be interconnected to the local electric power grid to sell the energy produced from the facility.