







Hyperion Treatment Plant

Owned and operated by LA SAN

Treats over 300 MGD

Produces digester gas (digas)

Today: 7.2MMscf/day

Future: 9.6MMscf/day

Current: Scattergood; Energy Exchange

Future: DGUP 42 MW





 Digas is a renewable fuel and is beneficially used for generating electricity and steam for its operations

## **CITY'S BIOSOLIDS PROCESS**



**STABILIZATION** 



**DEWATERING** 



TRUCK TRANSPORT



BIOSOLIDS SPREADING & INCORPORATION



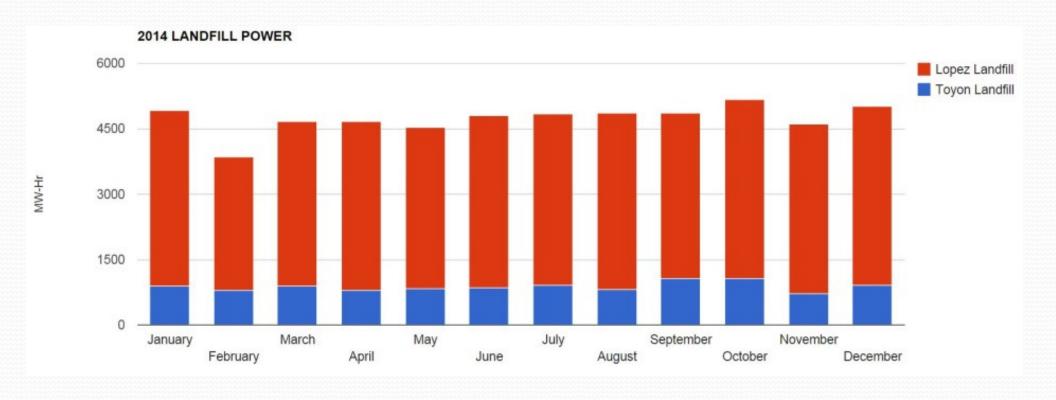
**FIELD OF WHEAT** 



**HARVESTING CROP** 





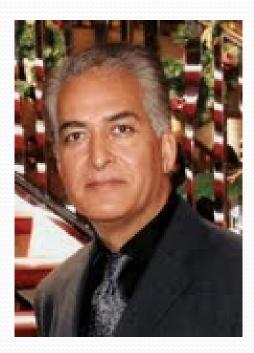


Lopez Landfill: 2.9M SCFD (standard cubic feet per day)

Toyon Landfill: 1.0M SCFD @ 50% CH4

**Los Angeles County Sanitation Districts Energy Production and Sales** SOLID WASTE FACILITIES LANDFILL **GAS-TO-ENERGY POWER SALES** 92 MW DIGESTER GAS-TO-ENERGY 20 MW 29 MW REFUSE-TO-ENERGY WASTEWATER MANAGEMENT 40 MW **CSD FACILITIES** (Total usage 36 MW) REFUSE-TO-ENERGY

Figure 7. Districts Energy Production and Sales, January 2014



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