### **Coca-Cola's Atlanta Landfill Gas Cogeneration Project**

Richard Crowther – Coca-Cola

## Coca-Cola's Strategic Focus





Active Healthy Living

Responsible Marketing **COMMUNITY** Foundations

> Human & Workplace Rights



WATER Packaging

Carbon

Sustainable Agriculture



## Where does Coca-Cola **focus** on Sustainability?





## 4 Key Areas for Energy & Climate



## Production Efficiency



## Fleet Transportation



Product Delivery



Alternative Energy





Bloomenergy

# Alternative energy sources considered

Fuel Cells

**Bio-Fuels** 

Solar Power

Cogeneration

Wind

# **Our Requirements** for Clean Energy Project Development

- 1. Project must deliver net economic savings versus the default energy source
- 2. Coca-Cola should retain full ownership of all "Green" benefits generated
- 3. Suppliers must guarantee the long-term performance of the projects
- 4. All analysis must be realistic including tax treatment & inflation factors
- 6. We do not desire to be power exporters
- 7. We prefer PPAs style agreements

### **Project Overview**

6.525 MW combined heat & power plant using landfill gas

- Landfill gas processing
- 6.0 mile dedicated pipeline
- 3 Jenbacher J616 engines
- Heat recovery steam generators
- Steam turbine chiller
- Start-Up 3/2012, 15 months to build

#### **Key Project Partners**

- Mas Energy
- Republic Services
- Atlanta Gas Light
- GE Jenbacher
- Veolia Energy N.A.
- Crowder Construction





### **System Schematic**



