



Service Agreements

Scott J. Schwarz

General Counsel

Philadelphia Water Department

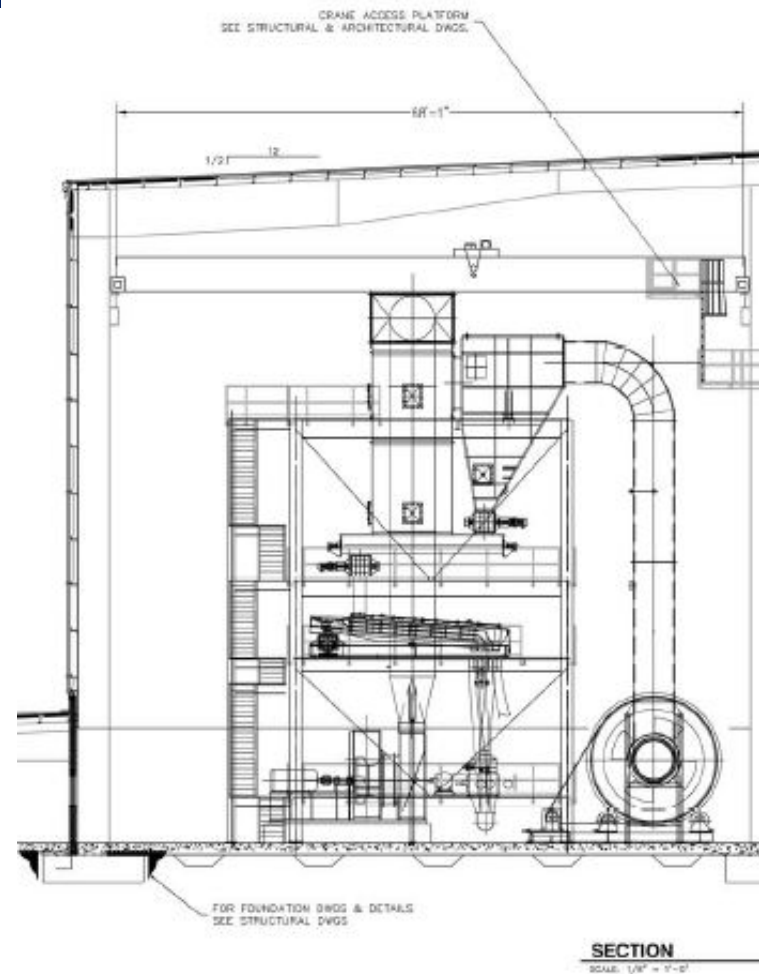
NACWA National Clean Water Law Seminar

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Overview

- Automatic Meter Readings (1997)
- Biosolids Recycling Center (2008)
- Biogas Cogeneration Facility (2011)
- Future Service Contracts



Automatic Meter Reading Service Agreement

- Service Term: 18 years with two optional 1-year extensions
- Parties: City, Philadelphia Municipal Authority (PMA) & Company
- Scope of Services:
 - 2-year installation schedule
 - 18-20 years of maintenance, operation and data delivery
- Labor
 - City employees installed about 10% of meters
 - Project Labor Agreement for remaining installations
- Ownership:
 - City owns meters and transmitters upon installation
 - Company owns other equipment and software
- Financing:
 - Water Fund capital program for installation
 - Operating budget for services provided after installation
- Compensation:
 - Fixed payment from PWD Capital Fund per unit upon installation
 - Fixed payment from PWD Operating Budget per monthly meter reading actually obtained



Project Results

- Contract executed July 1997
 - 410,000 accounts installed by April 1999
 - Beat two year installation goal by five months
 - Read success rate 99.2% (above 99% contract req.)
 - Currently over 489,000 accounts being read by AMR
- Achieves 100% accuracy



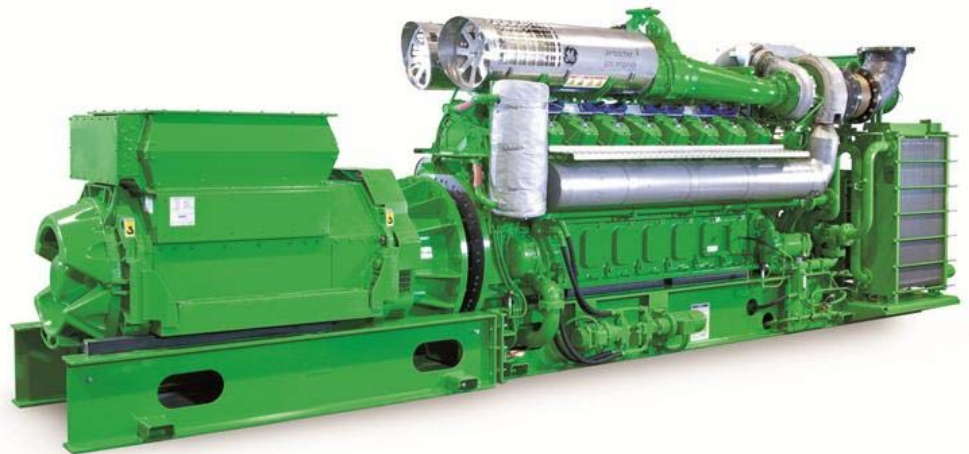
Biosolids Recycling Center Service Agreement

- Service Term: 20 years with one optional 5-year extension
- Parties: City, PMA & Company
- Scope of Services:
 - Design and build new facility and equipment
 - Operate and maintain existing and new facilities and equipment
- Labor:
 - Existing City employees transferred to other assignments
 - Company employees operate and maintain facilities and equipment
- Ownership:
 - City/PMA own existing facility and the site
 - Company owns improvements and new facility
- Financing:
 - PA Economic Development Financing Agency revenue bonds
- Compensation:
 - Performance based payments from PWD operating budget



Biogas Cogeneration Facility Service Agreement

- Service Term: 16 years
- Parties: City, PMA, Developer & Financing Company
- Scope of Developer's Services:
 - Engineering, construction, commissioning, start-up & testing of 5 MW Facility
 - Long-term maintenance
- Labor:
 - City employees will operate the facility
 - Company will provide long-term maintenance
- Ownership:
 - City owns the site
 - Financing Company owns and leases facility to the City
- Financing:
 - Financing Company provides capital
- Compensation:
 - Lease Payments to Financing Company
 - Maintenance payments to developer
 - All funds from PWD Operating Budget



Future Services Contracts?

- Green Stormwater Infrastructure (GSI)
 - Privately-owned GSI on private property
 - Publicly-owned GSI on City Streets and Rights-of-Way
 - Publicly-owned GSI on public property

