

# Energy Savings Performance Contract

## Charter Township of Delhi (Holt), Michigan

Comprehensive Performance Contract Agreement with the Township to renovate aging HVAC, Process Equip., building envelopes, control systems, lighting within their facilities and upgrade to LED Street Lights, Facilities comprised of Service Center, POTW, DPW, Parks Buildings, Community Center Center.

### Facility Owner Needs Satisfied

- ❑ Asset Management Plan to comply with State regulations.
- ❑ Replacement of failed Boilers and piping.
- ❑ Replacement of inefficient street lighting systems.
- ❑ Elimination of simultaneous heating and cooling systems.
- ❑ Strategy to assist in achieving Township Sustainability Plan.
- ❑ Updating of aging building envelope systems.
- ❑ How to utilize Qualified Energy Conservation Bond allocation granted by American Reinvestment and Recovery Act.
- ❑ Monitoring of assets through a centralized control system.
- ❑ Deferred maintenance issues with aged HVAC systems.
- ❑ Inadequate lighting both interior and exterior of facilities.
- ❑ Project nominated due to actual energy savings percentage of 24% of affected systems replaced or retrofitted to comply with QECB requirements.



### Project Size & Performance

**Total Contract Amount (\$)**

\$ 4,644,876

**Annual Energy Savings (\$/yr.)**

\$113,455

**Annual Ancillary Savings (\$/yr.)**

\$168,002

**Project Term (years)**

15 Year

**Simple Payback (years)**

12

**Project Phases (#)**

1

**Facility Size (sq. ft.)**

102,543

**Number of Sites**

5

**Contract Vehicle**

QECB & IPA

**Initial Award Date**

10-04-2016

**Date of Final Completion**

April 30, 2018

## ESPC Technology Categories

- 4 Boiler Plant Improvements
- 4 HVAC Improvements
- 4 Building Automation System
- 4 Turbo Blowers
- 4 Lighting Improvements
- 4 Automatic Motion Sensors
- 4 Direct Digital Controls (DDC)
- 4 New LED Lighting Fixtures
- 4 LED Street Lighting
- 4 Building Envelope
- 4 Energy Surveys
- 4 Energy Consultation
- 4 Maintenance and Training

### Honeywell Point of Contact

**Name** Dick Williams  
**Title** Business Unit Leader  
**Email** richard.j.williams@honeywell.com  
**Telephone** (248)926-5019

### Customer Point of Contact

**Name** John Elsinga  
**Title** Township Manager  
**Email** John.Elsinga@delhitownship.com  
**Address** 2074 Arelius Road  
Holt, MI 49842-6320