

July 26, 2018

East Islip Union Free School District

Energy Performance Contract





ECM 2: Burner Controls Upgrade

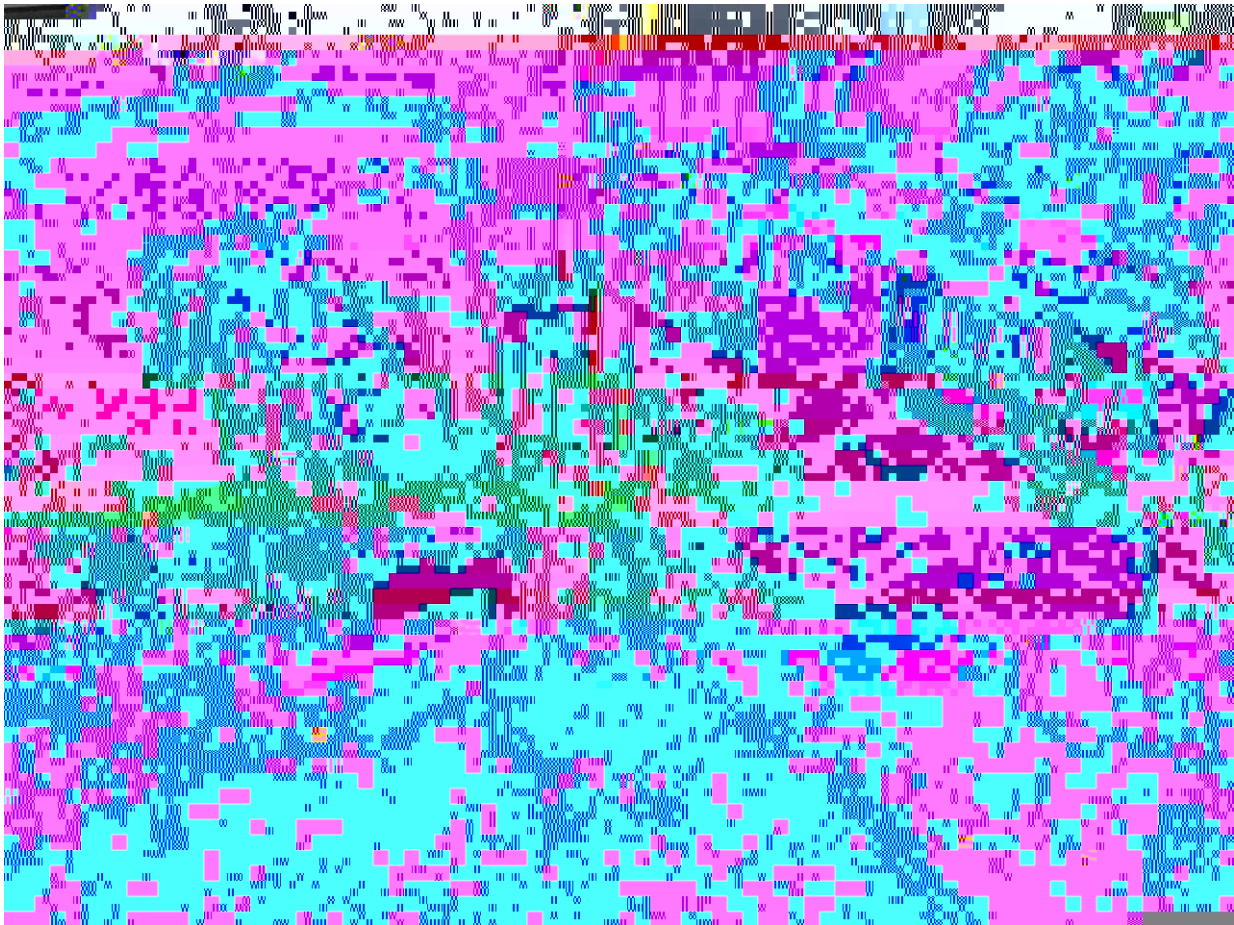
Upgraded burner controls for 6 different boilers across 3 buildings:

- Early Childcare Center/District Office
- Ruth C. Kinney Elementary School
- Timber Point Elementary School

Controls and maps fuel/air ratio during burner startup with LCD display

Optimization of the fuel/air ratio saves energy during startup

ECM 2: Burner Controls Upgrade



ECM 3: Destratification Fan Installation

Installed 14 new destratification fans in 5 different schools

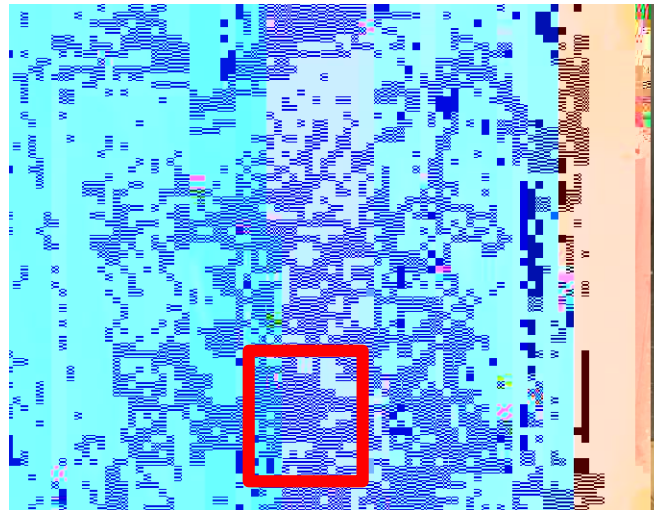
- Connetquot Elementary School
- East Islip High School (Aux Gym)
- East Islip Middle School (Aux Gym)
- East Islip Middle School (Main Gym)
- John F. Kennedy Elementary School
- Ruth C. Kinney Elementary School



ECM 5: Freezer Controls Installation

Installed a freezer condenser controller in:

- Connetquot Elementary School
- Early Childcare Center & District Office
- East Islip High School
- East Islip Middle School
- John F. Kennedy Elementary School
- Ruth C. Kinney Elementary School
- Timber Point Elementary School



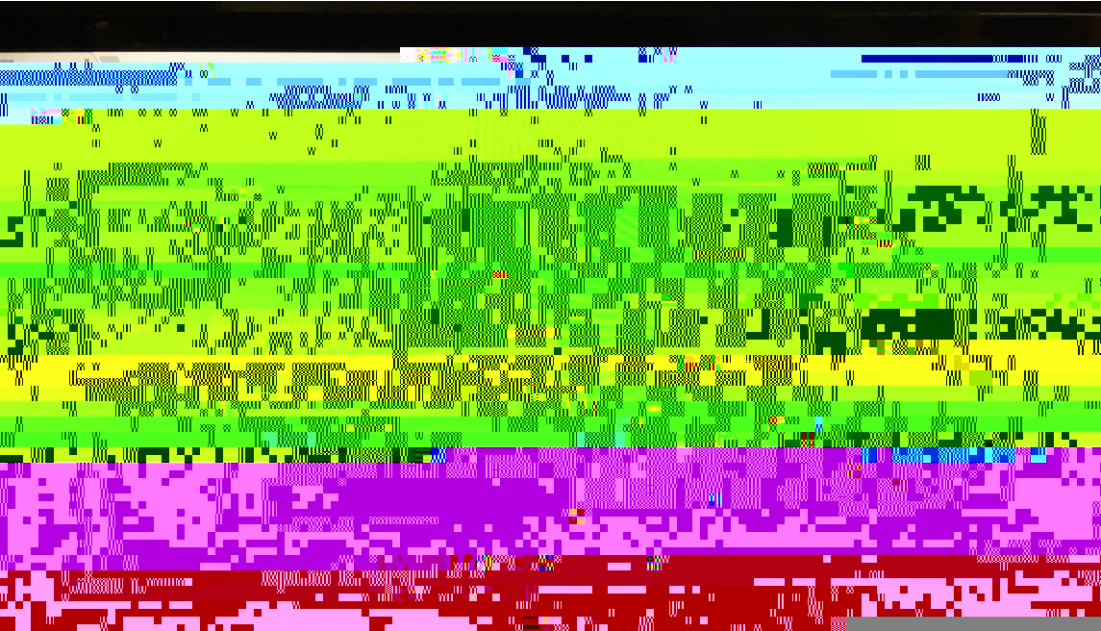
ECM 6&7: Building Management System Upgrades / Demand Control Ventilation

Building Management System (BMS) upgrade includes:

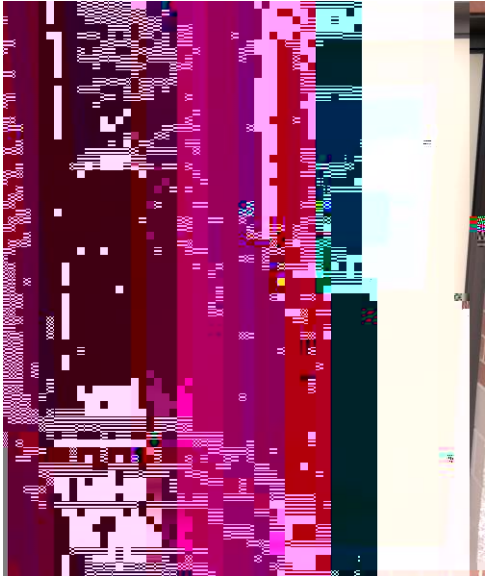
- Replacement of existing pneumatic controls with DDC controls
- Replacement of all pneumatically controlled steam and hot water valves
- Integration of existing DDC controls to new BMS
- Installation of plug load controllers on certain electronics and appliances

Demand Control Ventilation (DCV) involves programming logic for CO_2 content rather than running equipment on a specific schedule. This logic optimizes the amount of hours this equipment will run year round.

ECM 6&7: Building Management System Upgrades / Demand Control Ventilation



ECM 8: Building Envelope Improvements



ECM 9: Install Pipe Insulation

Installed 3,752 linear feet of pipe

ECM 13: Window Film Installation

Thank You!

Howwell is **China**?

China's economic growth has been remarkable, but it is not without challenges. The country's rapid industrialization and urbanization have led to significant environmental degradation and social inequality. While the government has made efforts to address these issues, the challenges remain significant.

The Chinese government has implemented various policies to promote economic growth and social stability. However, the country's economic system is still heavily influenced by the state, which has led to inefficiencies and corruption. The government's focus on infrastructure development has led to significant improvements in transportation and communication, but it has also led to a large debt burden.

China's Economic Growth

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