# City of Manchester

# Energy Performance Report

# For the Period October 2011 thru December 2011

School Buildings

Prepared By:

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ARAMARK Engineering Solutions
February 17, 2012

# City of Manchester

## Energy Program Performance Summary
## School Buildings
February 17, 2012

### Fourth Quarter Performance (2011)

- Consumption reduction[1] :
  - Energy reduction: **12.3%**
- Financial savings : **$93,689**
  - Electricity : $67,489
  - Natural Gas : $26,199
- GHG avoided emissions:
  - 629,204 lbs of CO2

### Contract Year to Date (since (01/2011)

- Consumption reduction[1] :
  - Energy reduction: **10.6**%
- Financial savings : **$386,785**
  - Electricity : $256,856
  - Natural Gas : $129,929
- GHG avoided emissions:
  - 2,504,442 lbs of CO2

### Total Performance to Date (since 01/2011)

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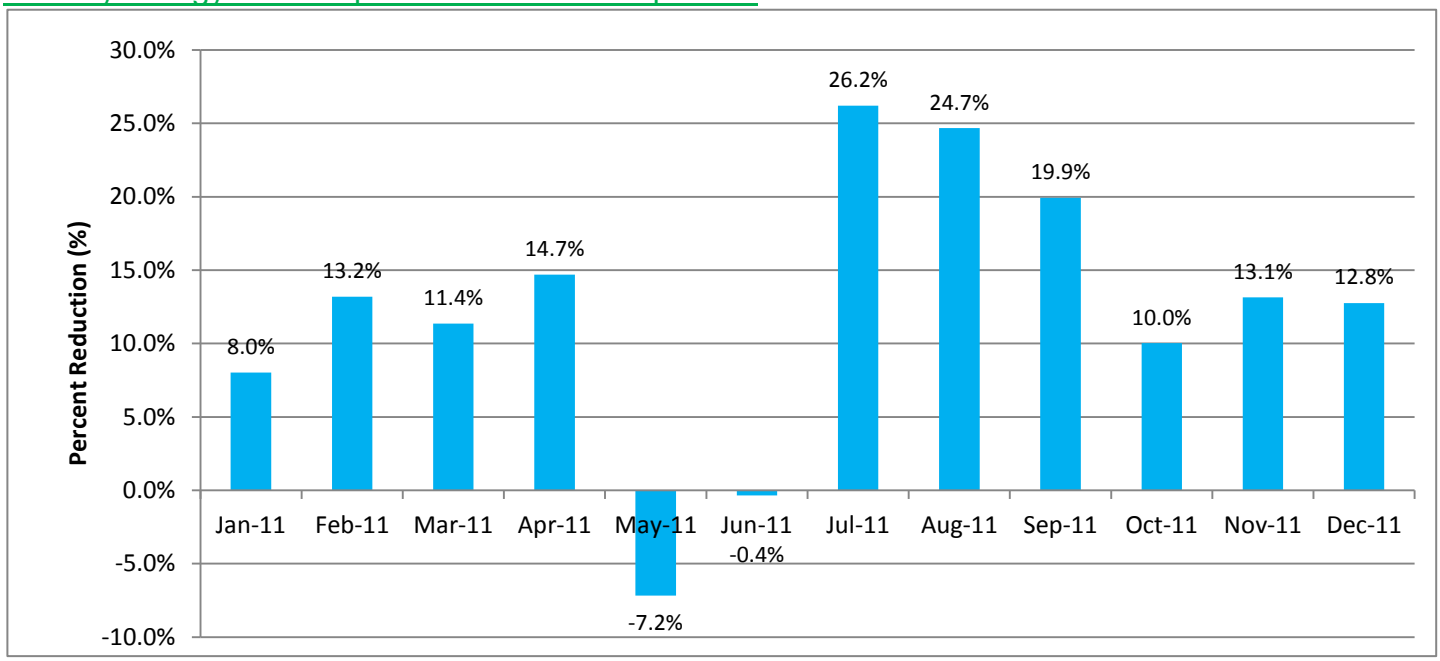
### Monthly Energy Consumption Reduction Compairson




### Current Profile (Past 12 months)

- Energy Intensity : 57 kBtu/SqFt

### Baseline Profile (July 2009 – June 2010)

- Energy Intensity: 60 kBtu/SqFt

1 Comparisons are made to the base year. Base year periods vary slightly for some meters but all fall between July 2009 and June 2010.

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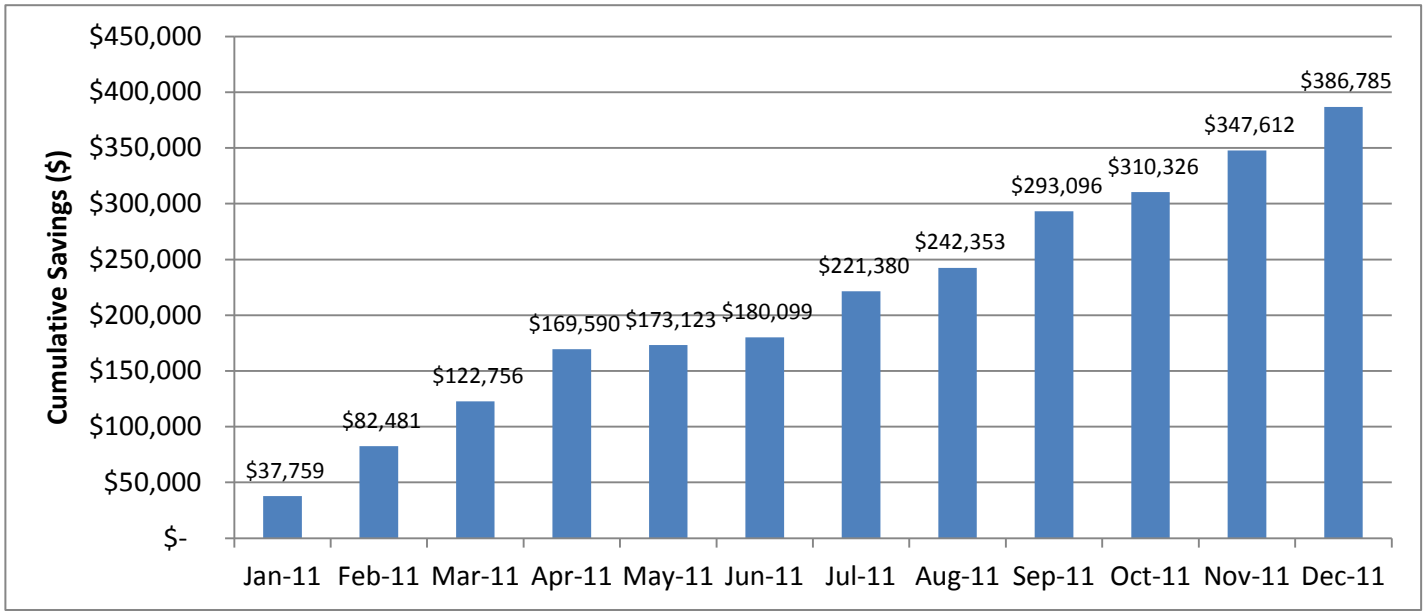
### Cumulative Savings

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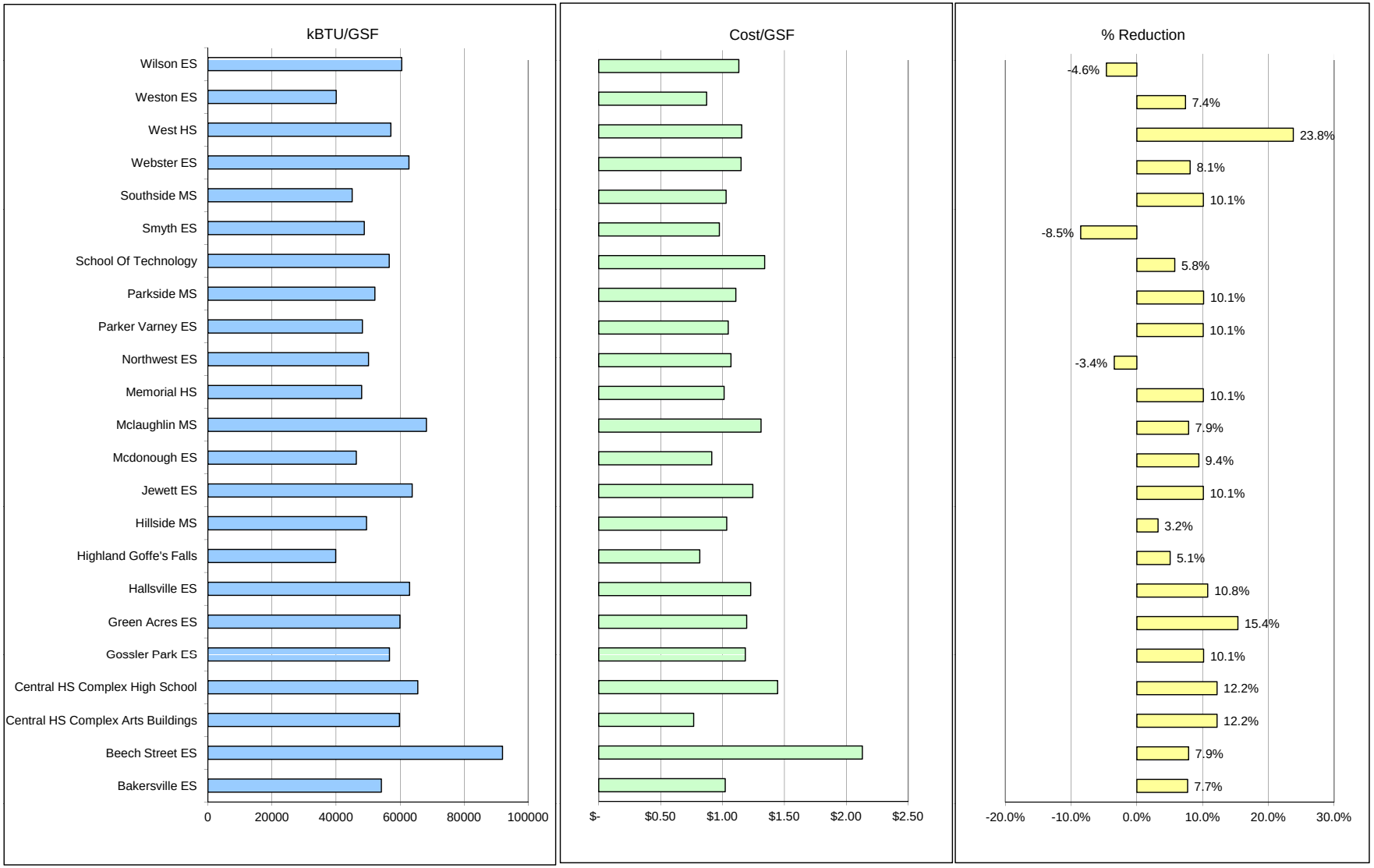
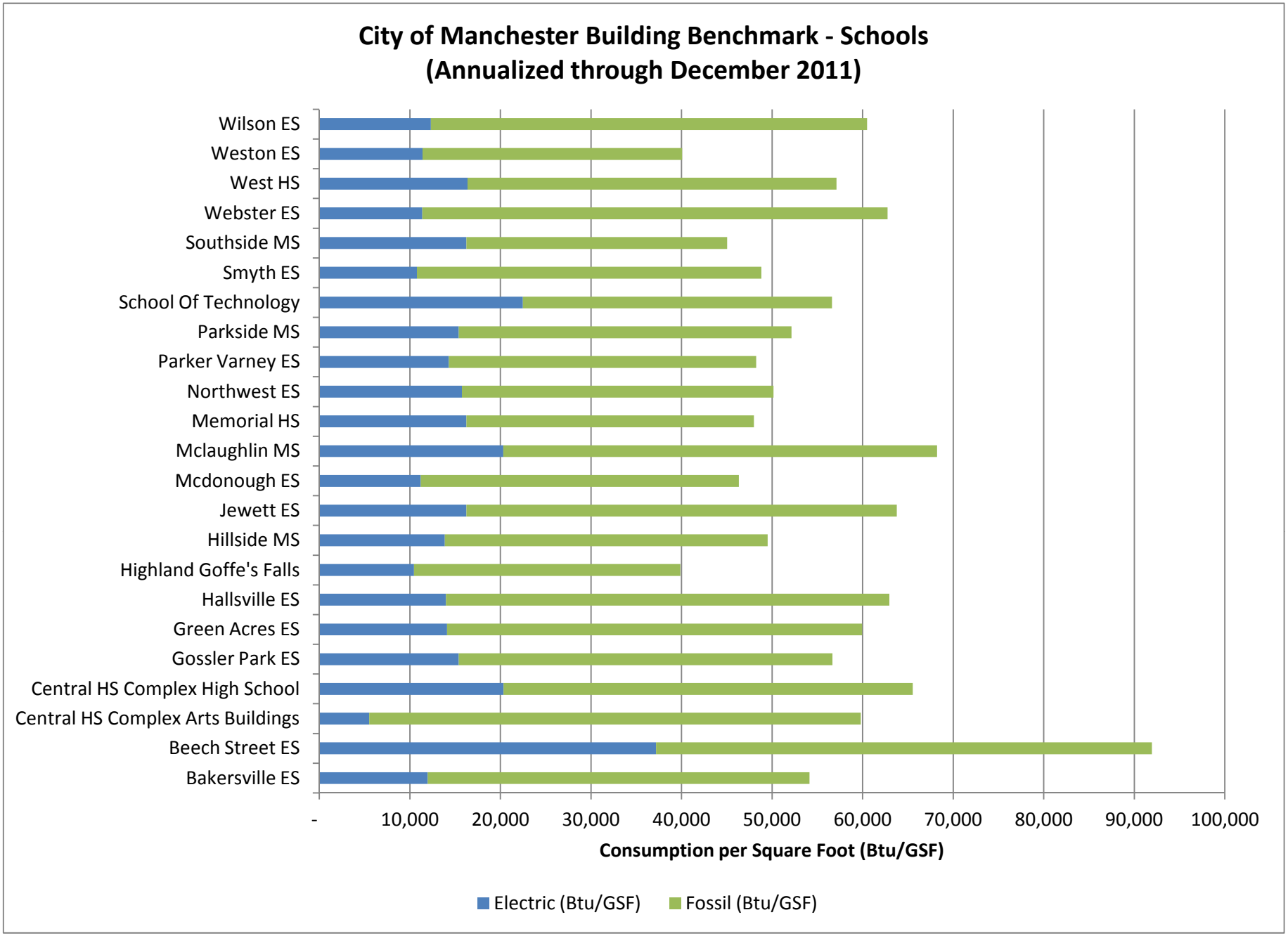
# City of Manchester - Building Energy Performance Comparison (School)

Annualized Through December 2011




City of Manchester Building Benchmark - Schools
(Annualized through December 2011)
Wilson ES
Weston ES
West HS
Webster ES
Southside MS
Smyth ES
School Of Technology
Parkside MS
Parker Varney ES
Northwest ES
Memorial HS
Mclaughlin MS
Mcdonough ES
Jewett ES
Hillside MS
Highland Goffe's Falls
Hallsville ES
Green Acres ES
Gossler Park ES
Central HS Complex High School
Central HS Complex Arts Buildings
Beech Street ES
Bakersville ES
-
10,000
20,000
30,000
40,000
50,000
60,000
70,000
80,000
90,000
100,000
Consumption per Square Foot (Btu/GSF)
Electric (Btu/GSF)
Fossil (Btu/GSF)