

**Quarterly Performance Report - Attachment 1A**  
**City of Manchester**  
**Energy Program Performance Summary**  
 May 2011

First Quarter Performance (2011)

- ❖ Consumption reduction<sup>1</sup> :
  - Energy reduction: **10.1%**
- ❖ Financial savings : **\$128,832**
  - Electricity : \$55,282
  - Natural Gas : \$73,551
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 1,214,552 lbs of CO2

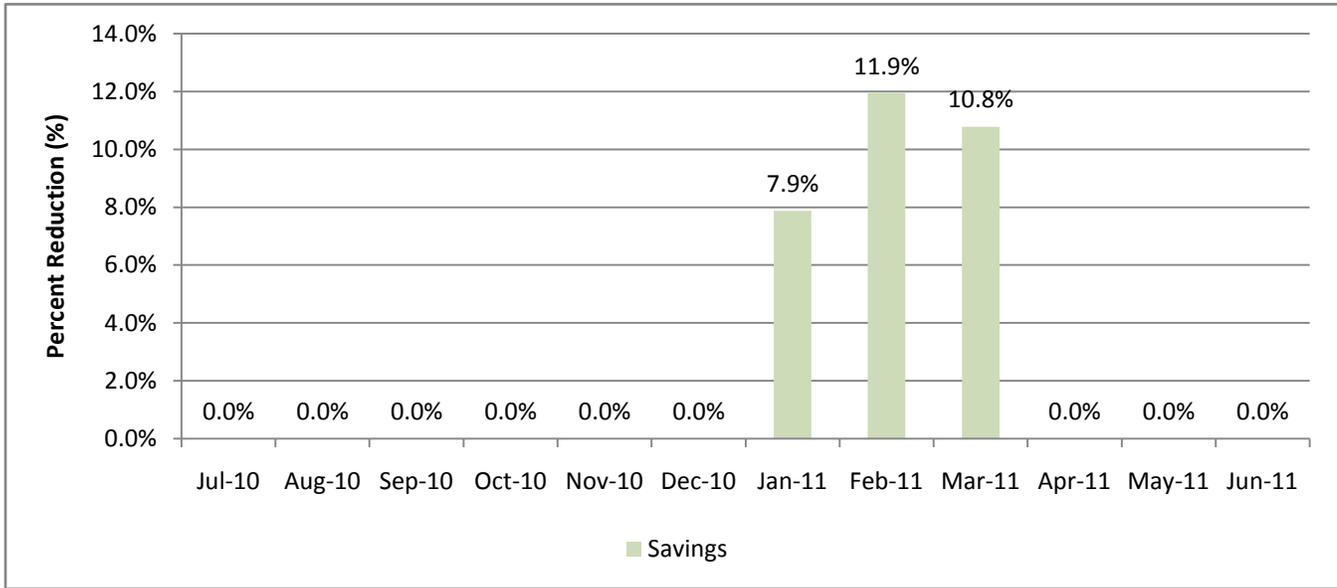
Contract Year to Date (since 01/2011)

- ❖ Consumption reduction<sup>1</sup> :
  - Energy reduction: **10.1%**
- ❖ Financial savings : **\$128,832**
  - Electricity : \$55,282
  - Natural Gas : \$73,551
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 1,214,552 lbs of CO2

Total Performance to Date (since 01/2011)

- ❖ Consumption reduction<sup>1</sup>:
  - Energy reduction: **10.1%**
- ❖ Financial savings : **\$128,832**
  - Electricity : \$55,282
  - Natural Gas : \$73,551
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 1,214,552 lbs of CO2

Monthly Energy Consumption Reduction Comparison



Current Profile

- ❖ Energy Intensity : 64.5 kBtu/SqFt
- ❖ Cost Intensity: \$1.38 / SqFt.

Baseline Profile

- ❖ Energy Intensity: 66.1 kBtu/SqFt
- ❖ Cost Intensity: \$1.45 / 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.  
 2 Net savings are equal to program savings less program implementation fees..



Quarterly Performance Report - Attachment 1B

**City of Manchester**

Energy Program Performance Summary

School Buildings

May 2011

First Quarter Performance (2011)

- ❖ Consumption reduction<sup>1</sup> :
  - Energy reduction: **10.8%**
- ❖ Financial savings : **\$121,846**
  - Electricity : \$52,888
  - Natural Gas : \$68,958
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 1,084,241 lbs of CO2

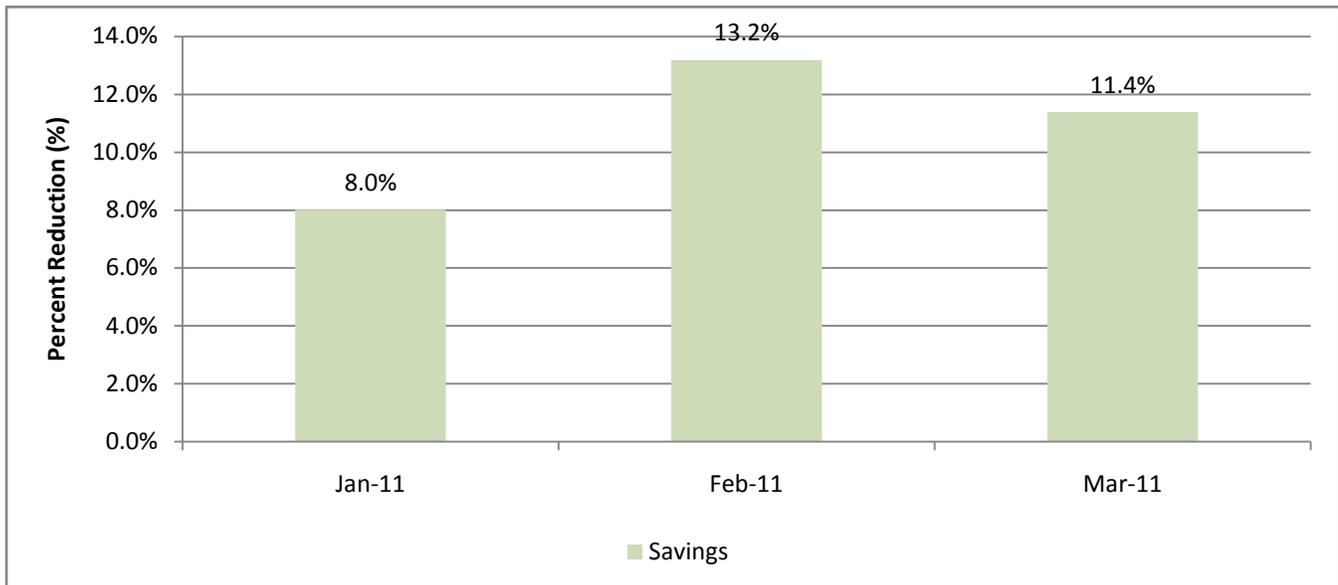
Contract Year to Date (since 01/2011)

- ❖ Consumption reduction<sup>1</sup> :
  - Energy reduction: **10.8%**
- ❖ Financial savings : **\$121,846**
  - Electricity : \$52,888
  - Natural Gas : \$68,958
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 1,084,241 lbs of CO2

Total Performance to Date (since 01/2011)

- ❖ Consumption reduction<sup>1</sup>:
  - Energy reduction: **10.8%**
- ❖ Financial savings : **\$121,846**
  - Electricity : \$52,888
  - Natural Gas : \$69,958
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 1,084,241 lbs of CO2

Monthly Energy Consumption Reduction Comparison



Current Profile

- ❖ Energy Intensity : 60.0 kBtu/SqFt

Baseline Profile

- ❖ Energy Intensity: 59.8 kBtu/SqFt

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

<sup>2</sup> Net savings are equal to program savings less program implementation fees..



Quarterly Performance Report - Attachment 1C

City of Manchester

Energy Program Performance Summary

Municipal Buildings

May 2011

First Quarter Performance (2011)

- ❖ Consumption reduction<sup>1</sup> :
  - Energy reduction: **7.0%**
- ❖ Financial savings : **\$6,986**
  - Electricity : \$2,394
  - Natural Gas : \$4,592
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 130,311 lbs of CO2

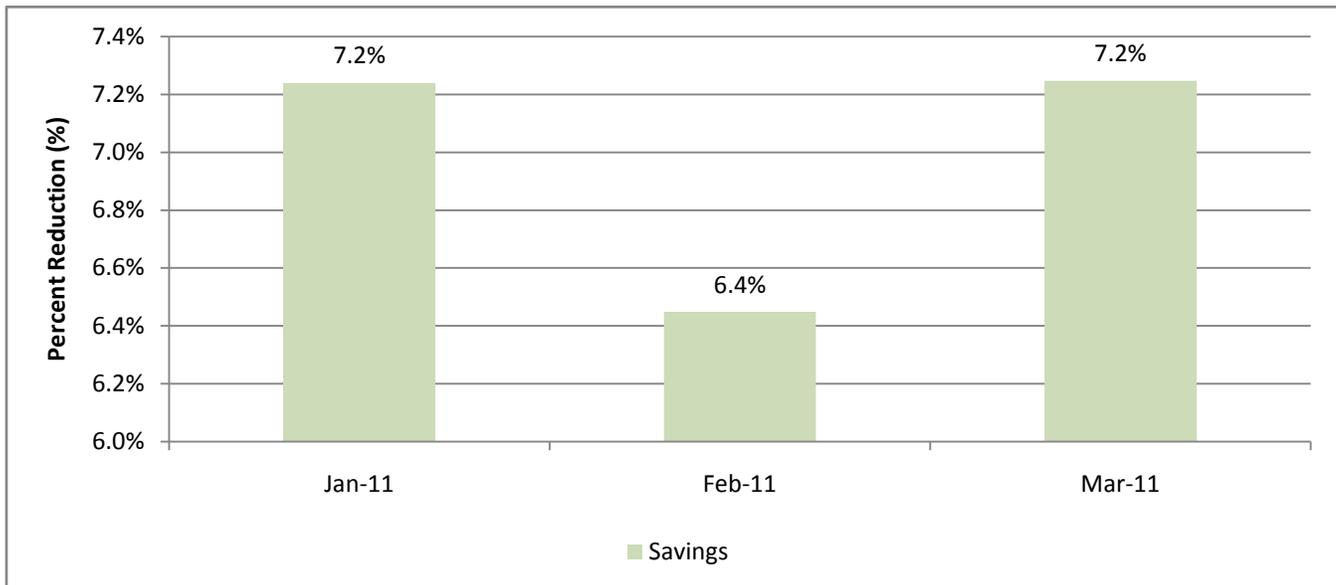
Contract Year to Date (since 01/2011)

- ❖ Consumption reduction<sup>1</sup> :
  - Energy reduction: **7.0%**
- ❖ Financial savings : **\$6,986**
  - Electricity : \$2,394
  - Natural Gas : \$4,592
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 130,311 lbs of CO2

Total Performance to Date (since 01/2011)

- ❖ Consumption reduction<sup>1</sup>:
  - Energy reduction: **7.0%**
- ❖ Financial savings : **\$6,986**
  - Electricity : \$2,394
  - Natural Gas : \$4,592
- ❖ Net savings<sup>2</sup>: \$
- ❖ GHG avoided emissions:
  - 130,311 lbs of CO2

Monthly Energy Consumption Reduction Comparison



Current Profile

- ❖ Energy Intensity : 106 kBtu/SqFt

Baseline Profile

- ❖ Energy Intensity: 106 kBtu/SqFt

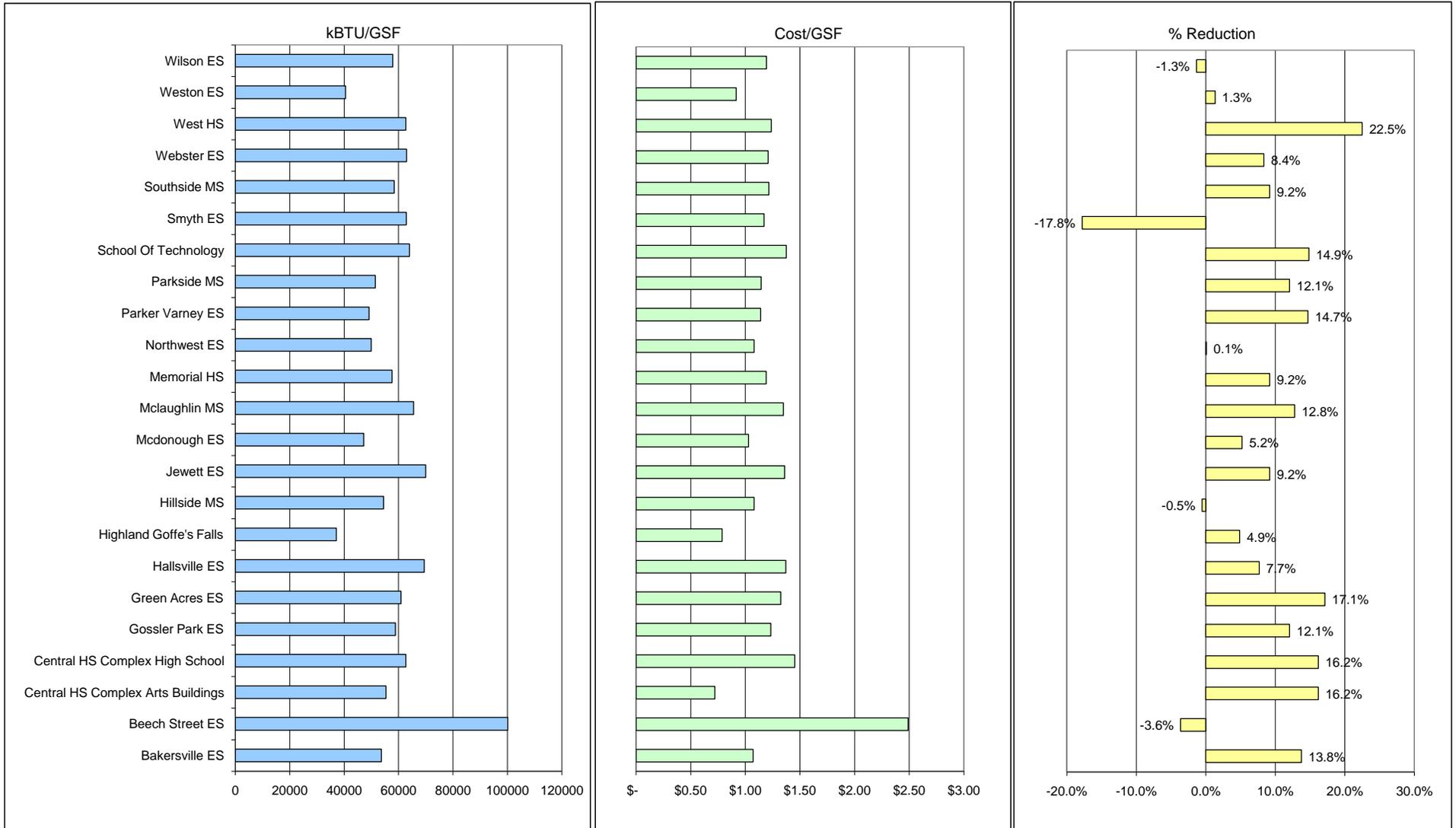
1 Comparisons are made to the base year. Base year periods vary slightly for some meters but all fall between July 2009 and June 2010.

2 Net savings are equal to program savings less program implementation fees..





City of Manchester - Building Energy Performance Comparison (School)  
Annualized Through March 2011





### City of Manchester - Building Energy Performance Comparison (Municipal) Annualized Through March 2011

