

# Table of Contents

<b>Glossary</b> .....	i
<b>Executive Summary</b> .....	1
Context.....	2
Introduction.....	6
The Plan .....	7
Vision .....	8
Principles.....	8
Goals .....	9
Strategic Directions.....	10
Objectives and 2041 Targets.....	10
Priority Projects: 2020 – 2025.....	12
Action Plan.....	13
Governance and Oversight of Implementation .....	13
Conclusion .....	13
 <b>Chapter 1: The Climate Reality</b> .....	14
1.0 The Climate Reality.....	15
1.1 The Connection between Energy and GHG Emissions.....	21
1.2 Climate Adaptation.....	21
1.3 Why is Climate Change a Municipal Issue?.....	21
1.4 Climate Action.....	22
1.5 Taking Action.....	26
 <b>Chapter 2: Energy Transitions</b> .....	28
2.0 Energy Transitions.....	29
2.1 The Latest Energy Transition .....	34
2.2 Urbanization.....	37
 <b>Chapter 3: The Opportunity of a Century</b> .....	43
3.0 Building a Community Energy and Emissions Reduction Plan .....	44
3.1 What is the Community Energy and Emissions Reduction Plan .....	44
3.2 Seizing Opportunity .....	44
3.3 Working Together .....	48
3.4 The CEERP Planning Process .....	49
 <b>Chapter 4: Brampton Today</b> .....	51
4.0 How Brampton Uses Energy .....	52
4.1 Brampton’s Energy Use: Baseline and Base Case ....	55
4.2 Brampton’s Energy Related Emissions .....	58
4.3 Brampton’s Energy and Water Costs.....	59
4.4 Benchmarking How Do We Compare Globally and Locally?.....	60
4.5 Summary of Findings .....	61
 <b>Chapter 5: Brampton’s Community Energy &amp; Emissions Reduction Plan</b> .....	64
5.0 Community Energy and Emissions Reduction Plan 65	
5.1 Vision .....	68
5.2 Guiding Principles.....	68
5.3 Goals .....	69
5.4 Strategic Directions.....	72
5.5 Objectives and 2041 Targets.....	83
5.6 Priority Projects: 2020 – 2025.....	87
5.7 CEERP Actions.....	90
5.8 Roles: Working Together .....	101
5.9 Getting There .....	109
5.10 Monitoring and Evaluating to 2025.....	112
5.11 Conclusion .....	114
 <b>Appendices</b> .....	116