

Energy Resiliency in Waterloo Region

Council Delegations | Spring, 2025



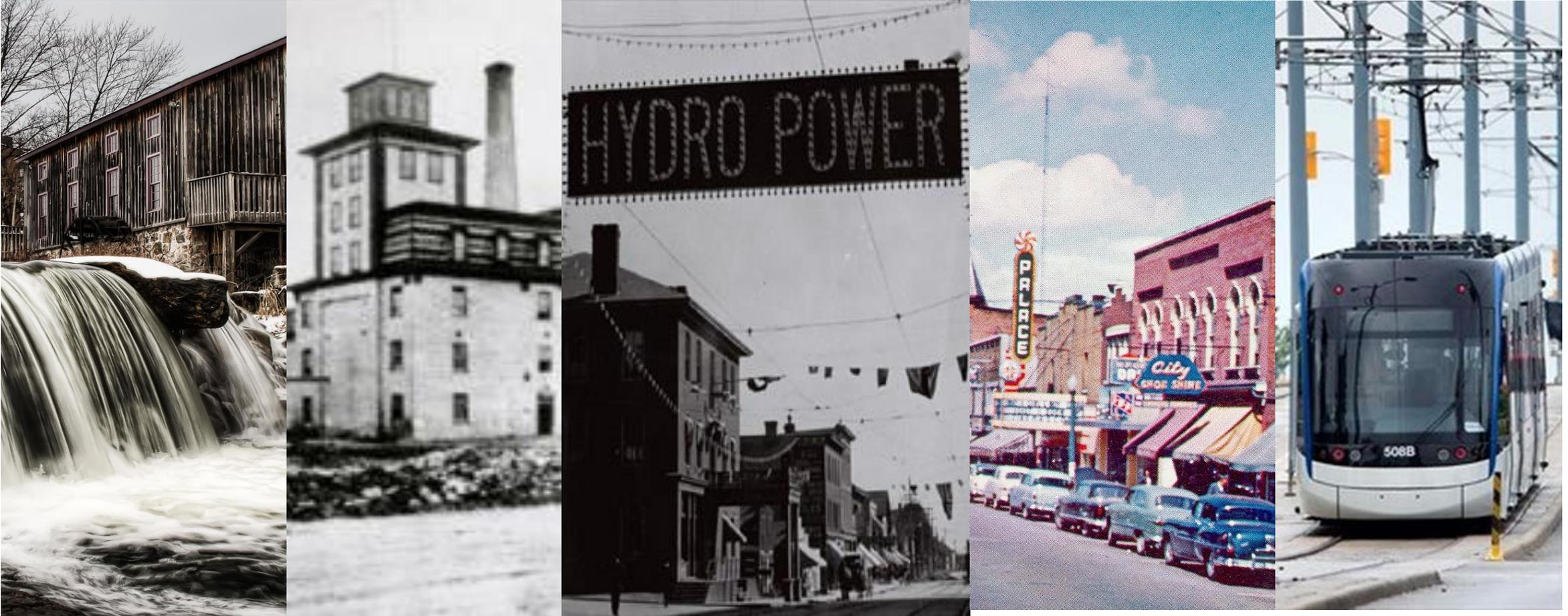
Waterloo Region

HIGH-PERFORMANCE
DEVELOPMENT STANDARDS



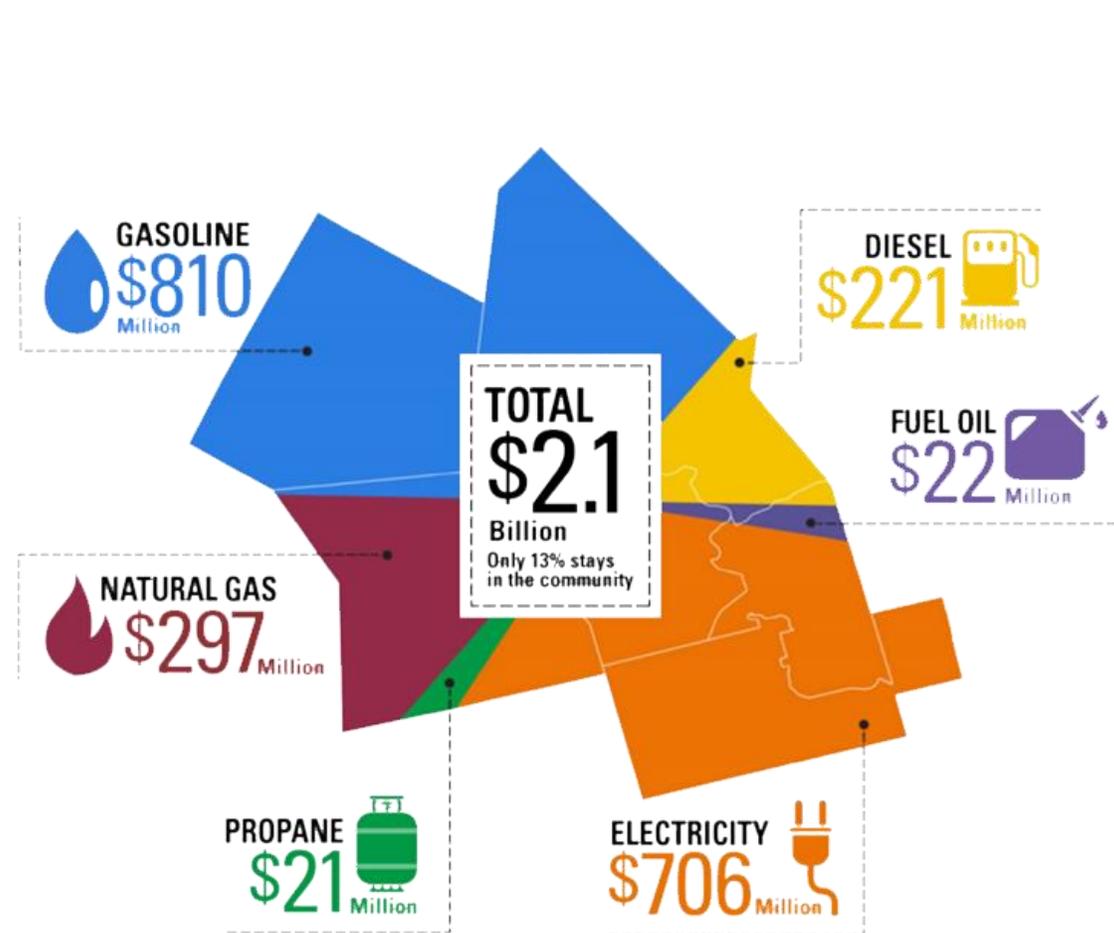
WR
COMMUNITY
ENERGY

ENERGY TRANSITIONS IN WATERLOO REGION



If water is life, then energy is quality of Life

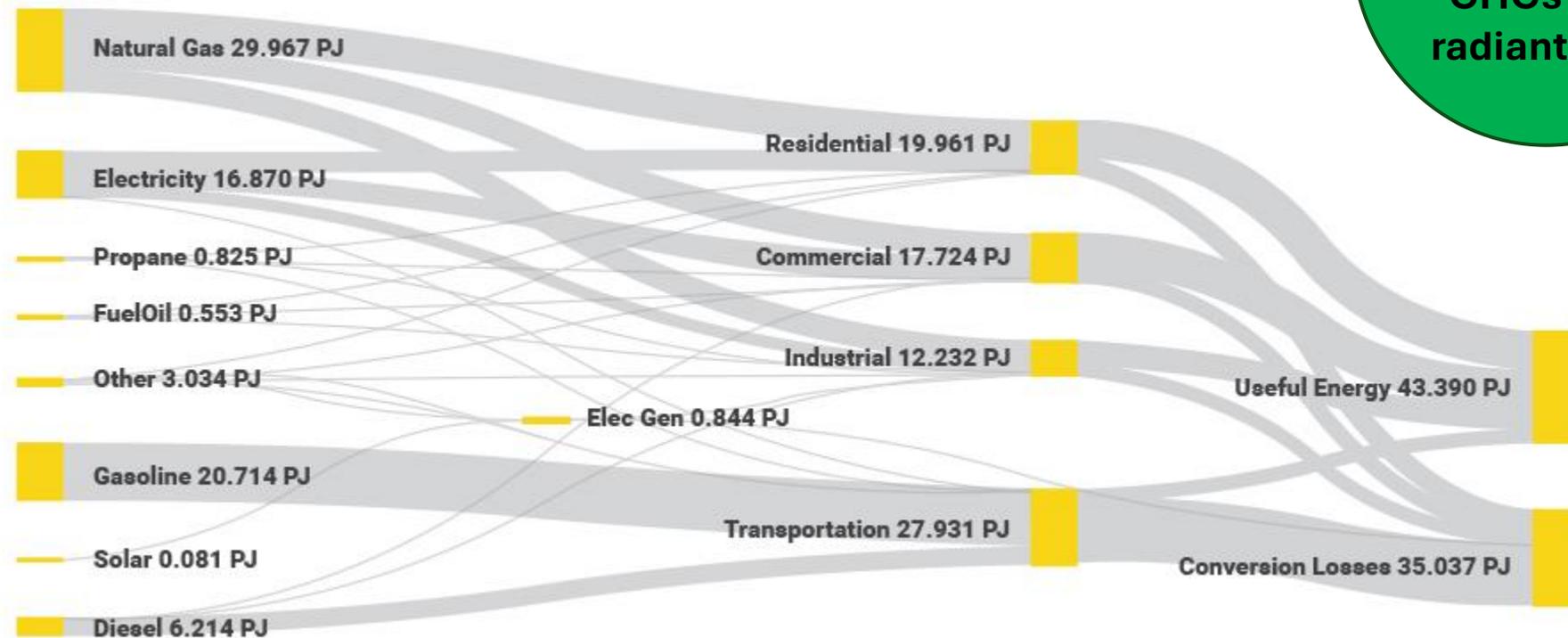
HOW MUCH DO WE SPEND ON ENERGY?



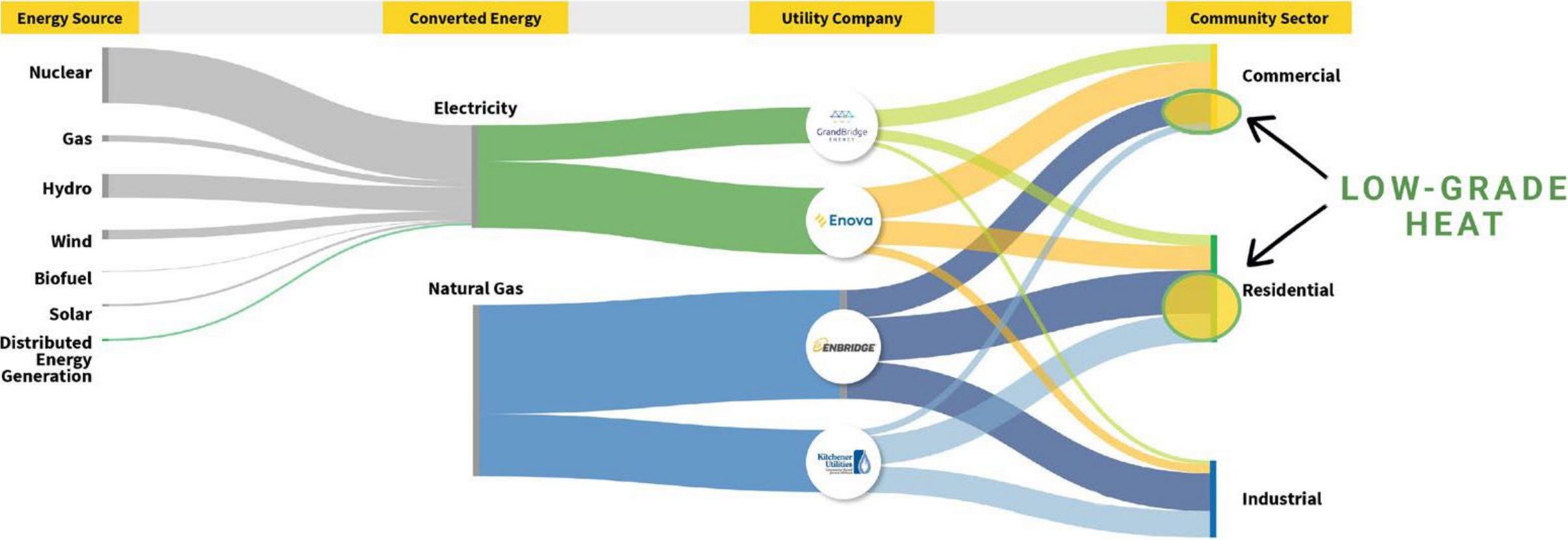
87%
of that
money
left our
community

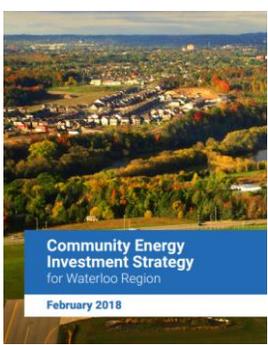
HOW MUCH ENERGY DID WE WASTE? (2014)

45%
lost as
GHGs and
radiant heat



Energy Demand: 40% Space and Water Heating

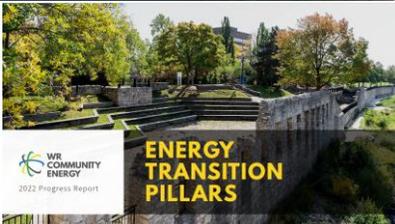




The Energy Transition Across 6 Terms of Council



Term 1 (2019 – 2022)
Vision Setting



Term 2 (2023-2026)
Heating Strategy



Term 3 (2027 – 2030)

Term 4 (2031 - 2034)

Term 5 (2035- 2038)

Term 6 (2039- 2042)



Thermal Supply and Demand: System-Wide Collaboration

