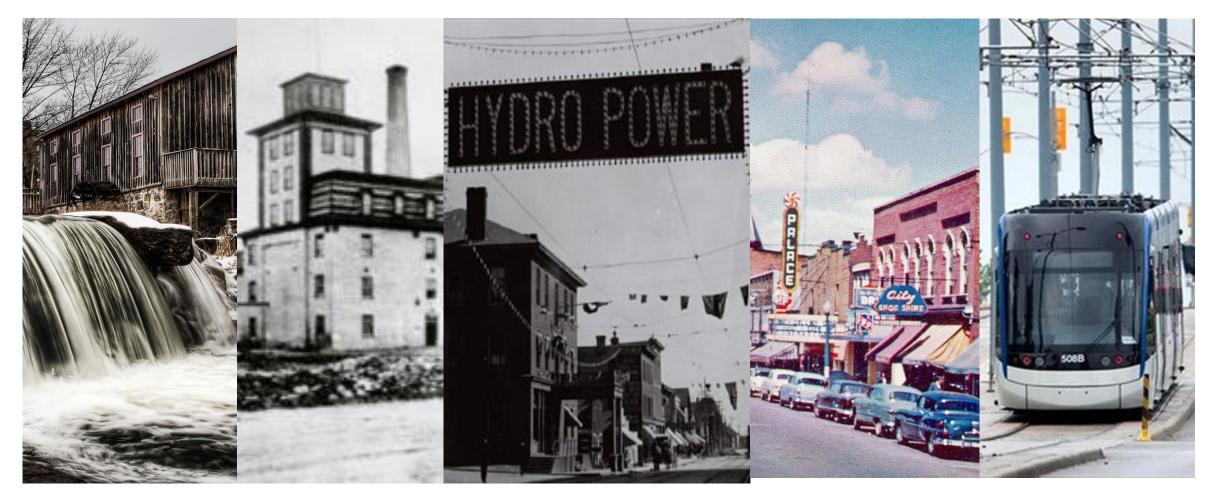
Energy Resiliency in Waterloo Region

Council Delegations | Spring, 2025





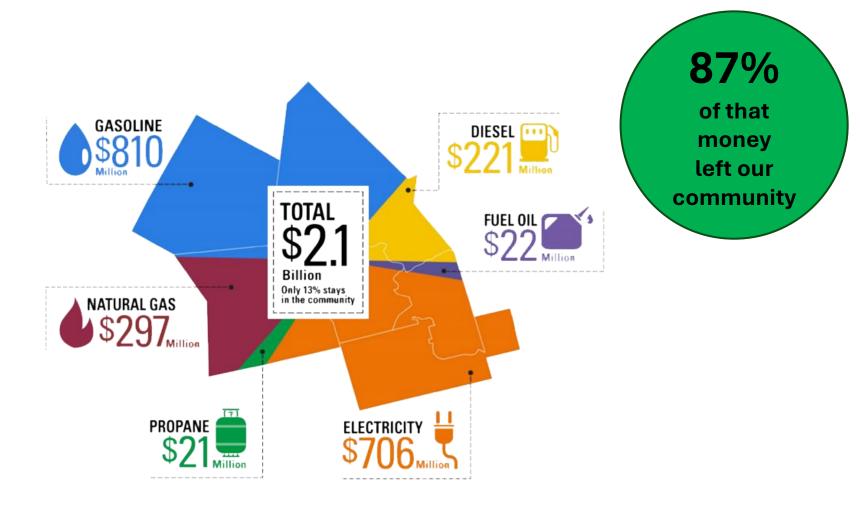
ENERGY TRANSITIONS IN WATERLOO REGION



If water is life, then energy is quality of Life

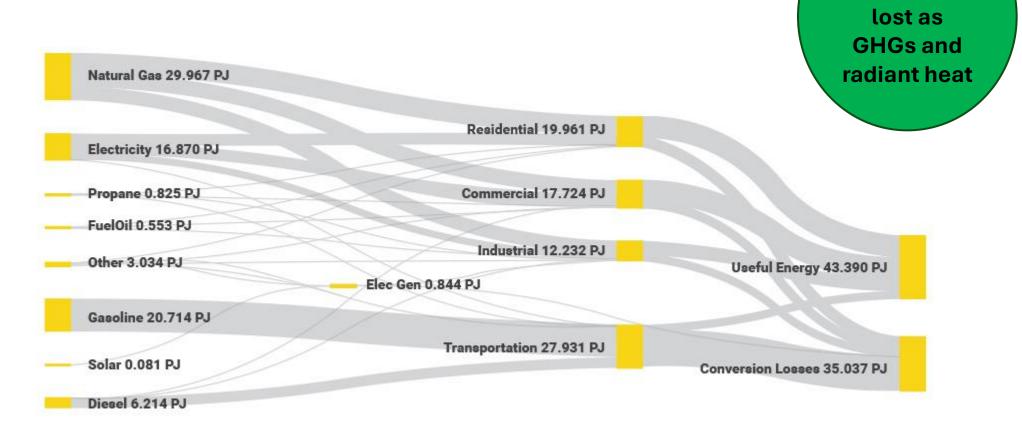
wrcommunityenergy.ca 2

HOW MUCH DO WE SPEND ON ENERGY?



wrcommunityenergy.ca 3

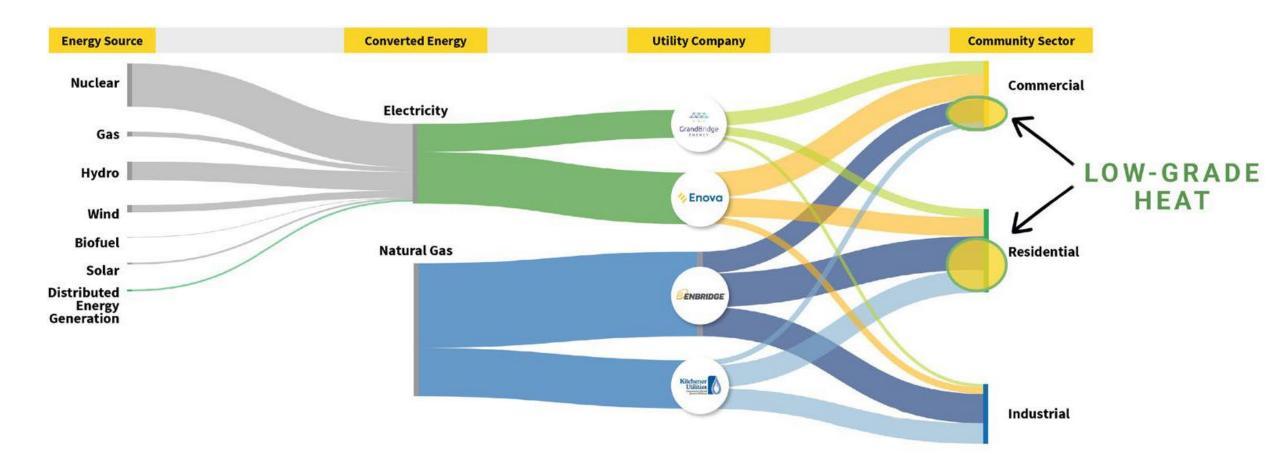
HOW MUCH ENERGY DID WE WASTE? (2014)



45%

wr.communityenergy.ca

Energy Demand: 40% Space and Water Heating



wrcommunityenergy.ca S



The Energy Transition Across 6 Terms of Council





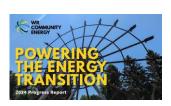


Term 3 (2027 – 2030)

Term 4 (2031 -2034) Term 5 (2035-2038)

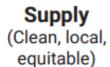
Term 6 (2039-2042)





Thermal Supply and Demand: System-Wide Collaboration









Market Solutions

Local Energy Developers District Energy Building Innovation Network

Retrofit WR

Policy

Enabling Policy Distribution System Operator

Policy Integration Development Standards

Infrastructure

Thermal Utility Planning KU Energy Transition Strategy

Conservation Programs

Demand

(Less, low-grade., off peak)















