

# Fast Facts

## ABOUT TC ENERGY'S PUMPED STORAGE PLAN



### TC ENERGY'S SO-CALLED 'GREEN' ENERGY STORAGE PROPOSAL WILL:

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Threaten the fresh waters and pristine beauty of Georgian Bay

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Kill fish and harm the aquatic ecosystem of Georgian Bay by pumping 23 billion litres of bay water, along with creatures in it, up and down the escarpment every day for at least 50 years

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Excavate a 375-acre reservoir on top of the Niagara Escarpment - a UNESCO World Biosphere Reserve - to be contained by a "high hazard" 4.8-kilometer perimeter dam, 20 metres in height

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Excavate massive tunnels deep into the Niagara Escarpment and beneath the lakebed of Georgian Bay

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Require 50 kilometres of high voltage underwater cables stretching to Wasaga Beach

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Cost more than \$7 billion but create only 20 permanent long-term jobs (\$350 million per job)

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Provide no net economic value to Ontario electricity customers, according to reports in 2021 and 2023 from the Independent Electricity System Operator (IESO)

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Hand TC Energy a binding long-term contract that ALL Ontario taxpayers and electricity customers will pay for, despite the IESO reports saying it making no economic sense

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Benefit from a highly irregular understanding with the Ontario government to have its pre-construction costs paid by Ontario taxpayers

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Be built on an active Defence Department training base strewn with unexploded munitions and toxic pollutants accumulated over 80 years that, once disturbed, can be washed down into Georgian Bay

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Employ outdated technology. Long-duration Battery Energy Storage Systems (BESS) are cheaper, more efficient, need a fraction of the land, not require a body of water and can be installed quickly where actually needed

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Consume 30 per cent more electricity overnight than it can release during the day

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Increase greenhouse gases during construction and operation

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Operate on an unsolicited and untendered long-term contract, contrary to normal procedures

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Take almost a decade to begin operation

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Put at risk as many as 30 endangered species

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Endanger residents of 300 existing homes, farms and cottages below the reservoir and dam who will be unable to obtain flood insurance.

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