



OFFICE OF THE PARLIAMENTARY BUDGET OFFICER  
BUREAU DU DIRECTEUR PARLEMENTAIRE DU BUDGET

# Cost Estimate of Election Campaign Proposal

Publication Date:	September 2021						
Short Title:	Financial support for a shared climate supercomputer						
Description:	Providing financial support for a shared climate supercomputer. The proposal will be effective January 1, 2022.						
Cost of Proposed Measure:	\$ millions	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Total
	Total cost	51	154	-	1	3	209
Notes:	<ul style="list-style-type: none"><li>· Estimates are presented on an accrual basis as would appear in the budget and public accounts.</li><li>· A positive number implies a reduction in the budgetary balance (lower revenues or higher spending). A negative number implies an increase in the budgetary balance (higher revenues or lower spending).</li><li>· "-" = PBO does not expect a financial cost.</li></ul>						
Estimation and projection method:	The cost of the proposal was based on the cost of the Perlmutter supercomputer, adjusted to account for inflation and exchange rates. Electrical costs of operating the supercomputer were also included.						
Source of Uncertainty:	The main sources of uncertainty relate to the purchase price and projected electricity cost.						
Data Sources:	Variable	Source					
	Perlmutter supercomputer information	Top500					
	Electricity prices	Ontario Energy Board					
	Inflation and exchange rates	PBO EPC baseline					