	A	B	C	D	E	F
1	Excerpt From :					
2	Updated: 2023-04-21					
3	EB-2022-0200					
4	Exhibit I.1.10-ED-60					
5	Page 2 of 2					
6						
7	With GEC additions highlighted					
8						
9	Diversified Scenario					
10						
11		**2020**	**2030**	**2040**	**2050**	Total
12	Carbon Emissions by Source (million tCO2e / decade)					
13	Renewable natural gas	0.00	0.01	0.03	0.05	
14	Biomass with CCS	0.00	0.00	0.00	-2.40	
15	Natural gas with CCS	0.00	0.27	0.64	0.75	
16	Natural gas imports	51.25	48.35	25.53	0.00	
17	Hydrogen from natural gas + CCS	0.00	0.87	1.63	1.60	
18	Carbon cost per tonne (2020$/tCO2e)	$27.50	$136.38	$138.78	$138.78	
19			**2020-2030**	**2031-2040**	**2041-2050**	
20	Total Emissions Cost by Decade (2020$CAD)		$23 B	$65 B	$35 B	$123B
21						
22						
23	Electrification Scenario					
24						
25		**2020**	**2030**	**2040**	**2050**	
26	Carbon Emissions by Source (million tCO2e / decade)					
27	Renewable natural gas	0.00	0.00	0.02	0.02	
28	Biomass with CCS	0.00	0.00	-2.40	-4.81	
29	Natural gas with CCS	0.00	0.00	0.36	0.57	
30	Natural gas imports	51.25	49.28	19.19	0.00	
31	Hydrogen from natural gas + CCS	0.00	0.33	0.86	0.86	
32	Carbon cost per ton (2020$/tCO2e)	$27.50	$230.95	$235.92	$235.92	
33			**2020-2030**	**2031-2040**	**2041-2050**	
34	Total Emissions Cost by Decade (2020$CAD)		$27 B	$108 B	$44 B	$179B
35						
36						
37						
38	Electrified Total Emissions Cost by Decade adjusted to same carbon costs/tonne used in Diversified Scenario*		$16B	$63.5B	$25.90	$105.4B
39						
40	* (Electrification Costs by Decade/ Electrification Carbon Cost) X (Diversified Carbon Cost)					