

Project Information	
Project Address _____	BPA Number _____
Coordinating NECB Design Professional Name _____	

Trade-off compliance requires this report to be filled out for the Parts where trade-off compliance is used. Submit the Prescriptive Report if Prescriptive compliance is used for other Parts of the NECB.

Part 3 – Building Envelope *Not applicable to additions or semi-heated buildings as per Sentence 3.3.1.1.(2)				
General		Proposed	NECB Limit	
	Gross wall area (m ²)		N/A	
	Total window area (m ²)		N/A	
	Total exterior door area (m ²)		N/A	
	Gross roof area (m ²)		N/A	
	Total skylight area (m ²)		N/A	
	Exposed floor areas (m ²)		N/A	
			HDD @ 18°	HDD @ 15°
Overall Thermal Transmittance – U (W/(m ² ·K))	FDWR (%)		N/A	N/A
	Opaque walls (above ground)		N/A	N/A
	Opaque walls (in contact with ground)		≤ 0.284	≤ 0.284
	Roofs (above ground)		N/A	N/A
	Roofs (in contact with ground)		≤ 0.284	≤ 0.284
	Floors (above ground)		N/A	N/A
Air Leakage (L/(s·m ²))	Floors (in contact with ground)		≤ 0.757 for 1.2 m	≤ 0.757 for 1.2 m
	Fixed fenestration and curtain walls		≤ 0.20	
	Operable windows, skylights, and doors		≤ 0.5	
	Operable revolving and auto sliding doors		≤ 5	
		Proposed (U_{ip}*A_{ip})	Reference (U_{ir}*A_{ir})	
	Vertical (above ground portions)			
	Horizontal (above ground portions)			
Compliance Confirmation				
U _{ip} A _{ip} is less than or equal to U _{ir} A _{ir} in conformance with NECB Article 3.3.1.2			<input type="checkbox"/> Yes <input type="checkbox"/> No	
Effective thermal transmittance including the effects of thermal bridging has been calculated as per Article 3.1.1.7			<input type="checkbox"/> Yes <input type="checkbox"/> No	
Have you supplied the calculations determining the above values			<input type="checkbox"/> Yes <input type="checkbox"/> No	

Part 4 – Lighting			
Exterior Lighting Power: (all values below to be in Watts)			
Specific Lighting Allowance _____ (Table 4.2.3.1-C) (If multiple specific applications used in design, provide a table showing all)	+ Portion of Basic Site Allowance _____ =	Specific Total Exterior Allowance _____	≥ Specific Installed Lighting _____
Sum of General Lighting Allowances _____ (Table 4.2.3.1-D)	+ Remaining Basic Allowance _____ =	General Total Exterior Allowance _____	≥ General Installed Lighting _____
	Basic Site Allowance _____ (Table 4.2.3.1-B) (Sum of the portions of basic site allowance above are not to exceed this amount)		Total Exterior Lighting Installed _____
Interior Lighting Power:		IILE - Installed Interior Light Energy (kW·h/a) (Proposed)	
		ILEA -Interior Lighting Energy Allowance (kW·h/a) (Reference)	
Interior lighting controls are designed in accordance with Subsection 4.2.2.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Exterior lighting controls are designed in accordance with Subsection 4.2.4.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Interior and exterior Installed Lighting Power displayed in table format on the drawings		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Interior and exterior lighting controls provided in table format on the drawings		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Compliance Confirmation			
IILE is less than or equal to ILEA in conformance with NECB Article 4.3.1.3.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Have you supplied the calculations determining the above values		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Part 5 – Heating, Ventilating and Air-Conditioning Systems			
		Overall HVAC _{TOI}	
Compliance Confirmation			
HVACTOI is greater than or equal to 0 in conformance with NECB Article 5.3.1.3.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Have you supplied the calculations determining the above values		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Part 6 – Service Water Systems			
		Overall SWH _{TOI}	
Compliance Confirmation			
SWH-TOI is greater than or equal to 0 in conformance with NECB Article 6.3.1.3.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Have you supplied the calculations determining the above values		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Compliance Confirmation			
Building energy trade-off compliance meets NECB 2017		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Drawings submitted are in conformance with NECB Drawings Requirements		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Declaration			
Signature of Coordinating NECB Design Professional who has completed this form:			
_____		_____	
Signature		Date	