

Project Information	
Project Address	Application Number (Office use only)
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	
				HDD @ 18°	HDD @ 15°
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	
Overall Thermal Transmittance – U (W/(m ² ·K))		FDWR (%)		N/A	
Opaque walls (above ground)				N/A	
Opaque walls (in contact with ground)				≤ 0.284	
Roofs (above ground)				N/A	
Roofs (in contact with ground)				≤ 0.284	
Floors (above ground)				N/A	
Air Leakage (L/(s·m ²))		Floors (in contact with ground)		≤ 0.757 for 1.2m	
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 sealed calculations determining the above values				<input type="checkbox"/> Yes <input type="checkbox"/> No	

Part 4 – Lighting (Note: Trade-off applies to interior lighting and controls only)			
Exterior Lighting Power: (all values below to be in Watts)			
Specific Lighting Allowance _____ <small>{Table 4.2.3.1-C} (If multiple specific applications used in design, provide a table showing all)</small>	+ Portion of Basic Site Allowance _____	= Specific Total Exterior Allowance _____	≥
			Specific Installed Lighting _____
Sum of General Lighting Allowances _____ <small>{Table 4.2.3.1-D}</small>	+ Remaining Basic Allowance _____	= General Total Exterior Allowance _____	≥
			General Installed Lighting _____
		Basic Site Allowance _____ <small>{Table 4.2.3.1-B} (Sum of the portions of basic site allowance above are not to exceed this amount)</small>	Total Exterior Lighting Installed _____

**NATIONAL ENERGY CODE FOR BUILDINGS
TRADE-OFF REPORT**

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 sealed 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 sealed 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 sealed 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