

Builder Checklist #3

For Blatchford Renewable Energy use only
Service Installation Address and Unit Number:
Inspection Date (mm/dd/yyyy):

Prior to DE Inspection #3 (for Blatchford Renewable Energy use only)
<input type="radio"/> Builder to contact BRE to book DE Inspection #3 <input type="radio"/> Builder to ensure unit is fully energized with a functioning heat pump, fully powered energy meter, installed antenna and doorbell transformer for meter commissioning.

MAIN DWELLING DE Inspection #3

DE Inspection #3 (Main Dwelling)
Completion date (mm/dd/yyyy):
<ol style="list-style-type: none"> <input type="radio"/> Thermostat is installed. <input type="radio"/> Pass <input type="radio"/> No, reasoning: <input type="radio"/> The actuator valve is wired to the heat pump. <input type="radio"/> Pass <input type="radio"/> No, reasoning: <input type="radio"/> Electrical panel is labeled to clearly identify the circuit breakers for the heat pumps and the DESS meter. <input type="radio"/> Pass <input type="radio"/> No, reasoning: <input type="radio"/> For powering the DESS meter, a BX cable has been installed from the electrical panel to the transformer. <input type="radio"/> Pass <input type="radio"/> No, reasoning: <input type="radio"/> Builder to ensure unit is fully energized and has power connection from the main electrical feed to the unit. <input type="radio"/> Pass <input type="radio"/> No, reasoning: <input type="radio"/> The antenna assembly is installed correctly. All fittings are connected securely. <input type="radio"/> Pass <input type="radio"/> No, reasoning: <input type="radio"/> If the air source heat pump is installed for the DHW requirements, Builder to comply with the respective Detail 05. <input type="radio"/> Pass <input type="radio"/> No, reasoning: <input type="radio"/> Heating and cooling is operational as determined by functional testing of both the heating and cooling modes <input type="radio"/> Pass <input type="radio"/> No, reasoning: Builder / Builder Representative confirms to BRE by initialing below that the heat pumps will not freeze if there is no flow from the utility. <div> <div>Builder Rep. Initials:</div> <div>Date:</div> </div> Builder / Builder Representative confirms to BRE by initialing below that the backup element is to only turn on in the event of a heat pump failure and not to be used as a supplementary source of heating. <div> <div>Builder Rep. Initials:</div> <div>Date:</div> </div> BRE's Energy Meter has been successfully installed and commissioned; <input type="radio"/> Pass <input type="radio"/> No, reasoning: All of the DESS piping manifold is insulated except for the return temperature probe tee and the body of the flow sensor, builder has sent pictures of the fully completed insulation after the inspection is completed <input type="radio"/> Pass <input type="radio"/> No, reasoning:

Main Dwelling DE Inspection #3 Outcome	
Inspection passed?	
<input type="radio"/> YES	<input type="radio"/> NO

BRE Notes to Builder:

1. Refer to DE Inspections Timeline for next steps.
2. DE inspections should take place 'per building' as per approved site plan (i.e., all townhouse units in one building will be inspected at once).
3. Measurement Canada to inspect BRE's installed Energy Meter (BRE to coordinate with Measurement Canada, builder to provide access to each of the units only).

BACKYARD HOUSE DE Inspection #3

DE Inspection #3 (Backyard House)	
Completion date (mm/dd/yyyy):	
<p>1. Thermostat has been installed. <input type="radio"/> Pass <input type="radio"/> No, reasoning:</p> <p>2. The actuator valve is wired to the heat pump. <input type="radio"/> Pass <input type="radio"/> No, reasoning:</p> <p>3. Electrical panel is labeled to clearly identify the circuit breakers for the heat pumps and the DESS meter. <input type="radio"/> Pass <input type="radio"/> No, reasoning:</p> <p>4. If the air source heat pump is installed for the DHW requirements, Builder to comply with the respective Detail 05. <input type="radio"/> Pass <input type="radio"/> No, reasoning:</p> <p>5. Builder / Builder Representative confirms to BRE by initialing below that the heat pumps will not freeze if there is no flow from the utility.</p> <p>Builder Rep. Initials: Date:</p> <p>6. Builder / Builder Representative confirms to BRE by initialing below that the backup element is to only turn on in the event of a heat pump failure and not to be used as a supplementary source of heating.</p> <p>Builder Rep. Initials: Date:</p> <p>7. All of the DESS piping manifold is insulated <input type="radio"/> Pass <input type="radio"/> No, reasoning: <i>Optional: Clearly labeled supply and return lines.</i></p>	
Backyard House DE Inspection Outcome	
Inspection passed?	
<input type="radio"/> YES	<input type="radio"/> NO