

Building Decarbonization - Pre-Inspection Requirements

1.1 Purpose

The pre-installation inspection confirms existing site conditions prior to project installation. Inspection findings establish the baseline against which post-installation conditions will be verified. No installation work may begin until the pre-installation inspection is complete and the program has issued written confirmation to proceed.

1.2 Existing Fossil Fuel Space Heating System

The inspector must confirm and document the following for the existing space heating system:

- Existing system type (e.g., gas furnace, oil boiler, gas RTU, propane unit heater)
- Appliance nameplate documented (manufacturer, model number, serial number, capacity, efficiency rating)
- Age of equipment
- Fuel type and supply configuration confirmed
- Operating condition confirmed (system must be functional at time of inspection)

The following photos must be collected. All photos must be date and time stamped and of sufficient quality to confirm system type, model number, and capacity:

- Legible appliance nameplate
- Overall shot of the appliance
- Fuel supply connection at the appliance

1.3 Existing Fossil Fuel DHW System

The inspector must confirm and document the following for the existing DHW system:

- System type (e.g., gas water heater, oil-fired boiler serving DHW, propane water heater)
- Appliance nameplate (manufacturer, model number, serial number, capacity, efficiency rating)
- Age of equipment
- Fuel type and supply configuration
- Operating condition

For more information, visit bizsolutions.energysave.nj.com.

The following photos must be collected. All photos must be date and time stamped and of sufficient quality to confirm system type, model number, and capacity:

- Legible appliance nameplate
- Overall shot of the appliance
- Fuel supply connection at the appliance

1.4 Shared Systems

Where a single appliance serves both space heating and DHW, one set of photos satisfying the requirements above is sufficient. Both the space heating and DHW functions of the appliance must be documented in the application, including confirmation of which functions will be decommissioned and which, if any, will remain operational following the project.

1.5 Proposed Scope Confirmation

The inspector must confirm and document the following against the submitted project application:

- Proposed equipment (make, model, capacity, quantity)
- Decommissioning scope (full removal of space heating system, DHW system, or both)
- For integrated controls projects, fossil fuel system to be retained as backup and integrated controls to be installed
- Site conditions for any factors that could affect installation or equipment sizing (e.g., available electrical service, space constraints, structural considerations)

1.6 Electrical Service (Wiring Upgrade Projects Only)

For projects that include a wiring upgrade, the inspector must confirm and document the following existing electrical conditions:

- Existing service rating (amps)
- Panel rating
- Photo of panel interior
- Available breaker space
- Existing load documented to support upgrade