



GreenChill Store Certification Program Protocol for Stores with Prep Room Refrigeration

The following document describes the protocol used to determine the total load and refrigerant charge of stores that use their remote refrigeration system to refrigerate prep rooms.

How to Report Your Store's Total Load (MBTU/Hr):

As described in the [GreenChill Store Certification Program Guidance](#), a store's total load shall include all BTUs associated with refrigeration. However, it can sometimes be unclear whether BTUs used for 'prep room refrigeration' should be considered air conditioning or refrigeration. For the purposes of GreenChill Certification, **ONLY** BTUs that are used to cool a room **below 60°F** may be considered refrigeration and, therefore, shall be included in a store's total load.

If the room temperature for a prep room is not clearly provided in your systems refrigeration legend, you will **need to provide other supporting documentation** to show the room temperature is below 60°F.

How to Report your System's Refrigerant Charge:

Since it is not possible to separate the refrigerant charge used to cool prep rooms from the refrigerant charge used to refrigerate the commercial refrigeration equipment, stores that use their remote refrigeration system to cool prep rooms must report the total pounds of refrigerant that are charged into the store's commercial refrigeration system.

Note that only stores that use combined refrigeration and air conditioning systems may adjust their refrigerant charge to account for the refrigerant associated with air conditioning. Please refer to the [GreenChill Store Certification Protocol for Combined Refrigeration and Air Conditioning Systems](#) for more information.

Please direct any questions to Tom Land at Land.Tom@epa.gov or 202-343-9185.