

# THE HOT WATER CHALLENGE

## The Challenge

High service hot water (SHW) loads are poor fit for HPWH

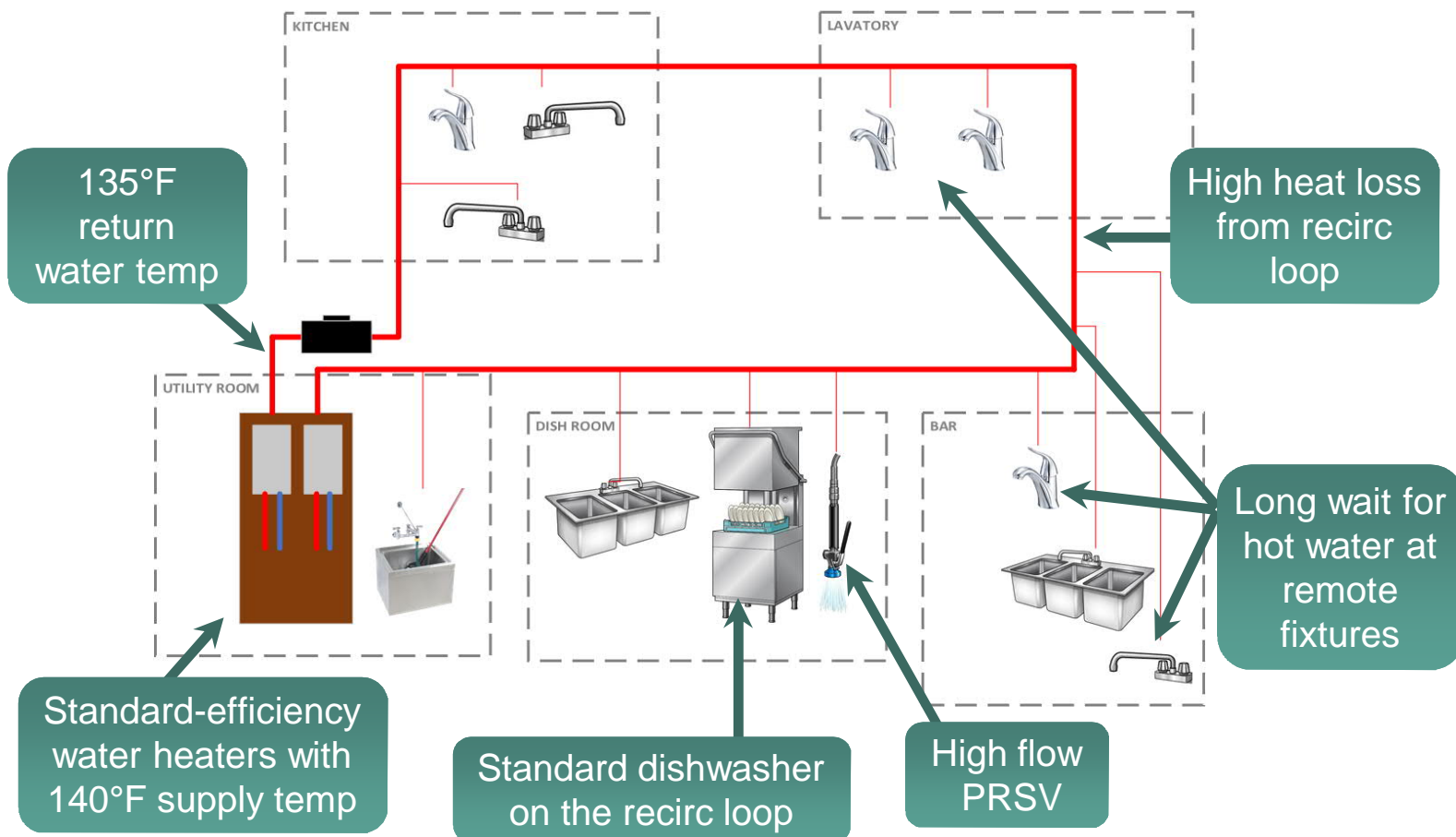
## The Target

Full service (FSR) and quick service (QSR) restaurants

## The Goal

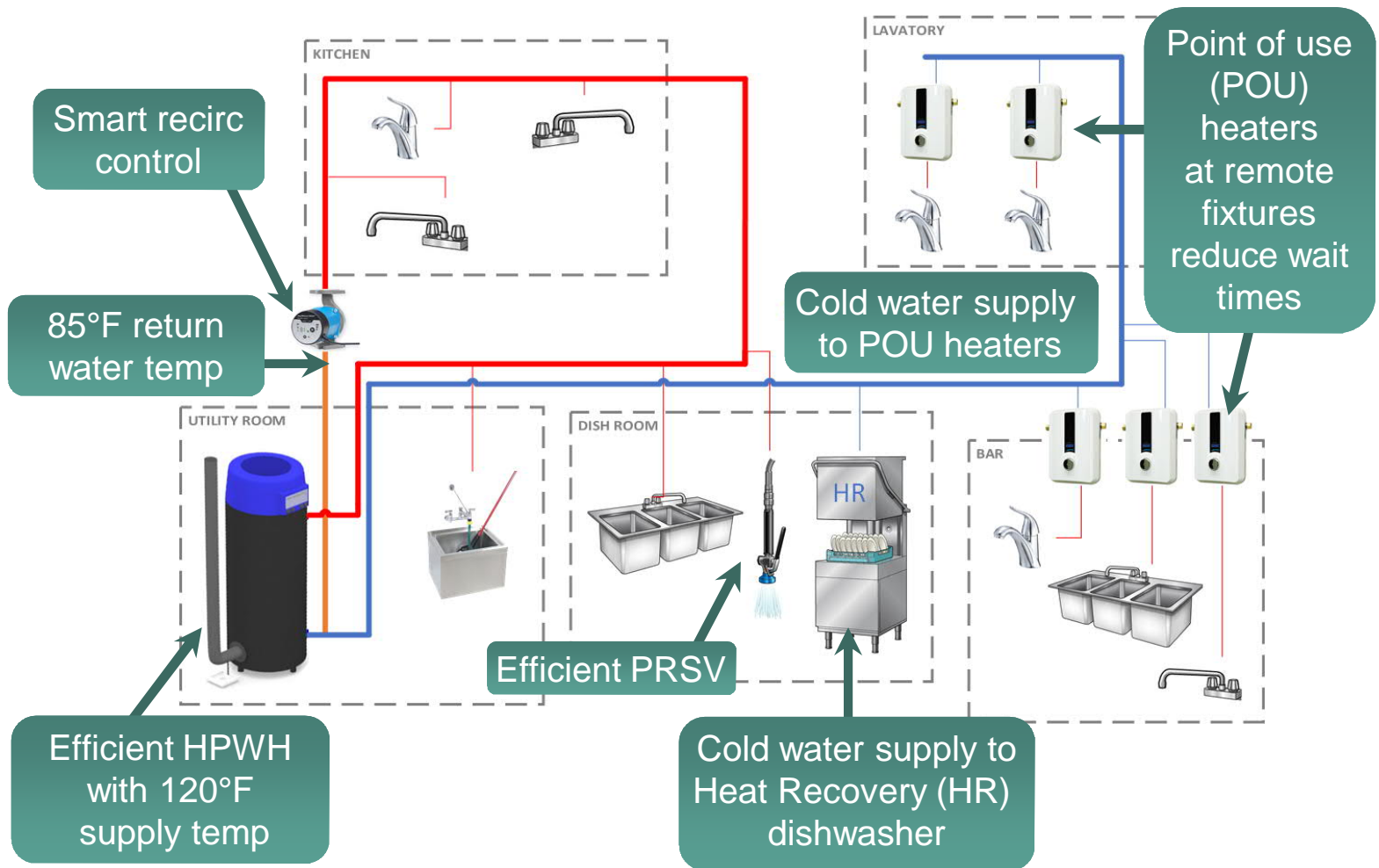
Optimizing SHW Systems for HPWH integration

Traditional Restaurant SHW System:  
Continuous high temp hot water recirculation



Can this SHW System be Optimized?

# Optimized Design for HPWH Integration



## RESULTS:

- **HPWH – optimized distribution**
- **Improved hot water delivery**
- **Reduced energy consumption**
- **Better thermal comfort**

A Winning combination of performance, comfort, and efficiency