

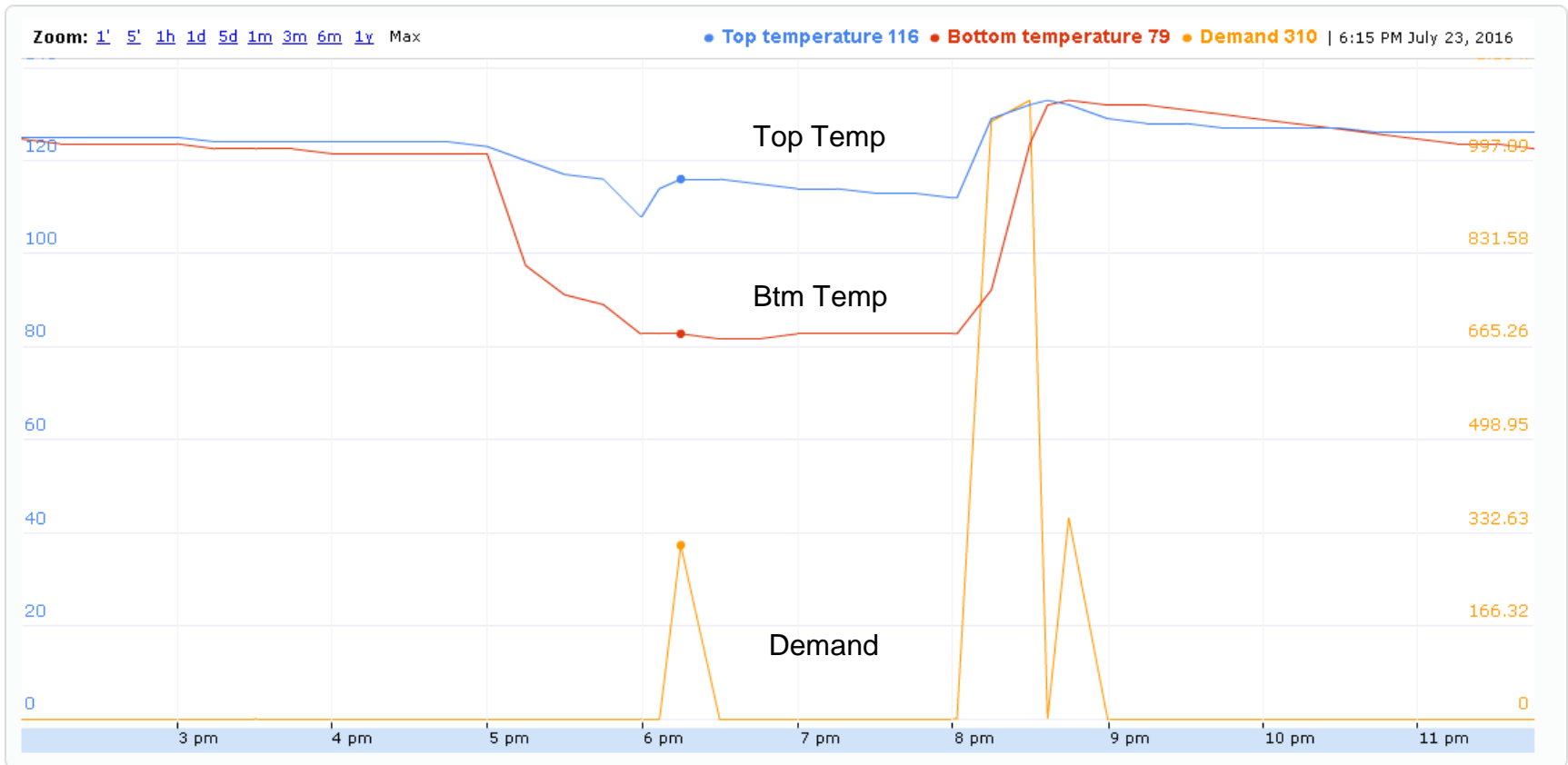


Delivering the Next Generation of Demand Flexibility



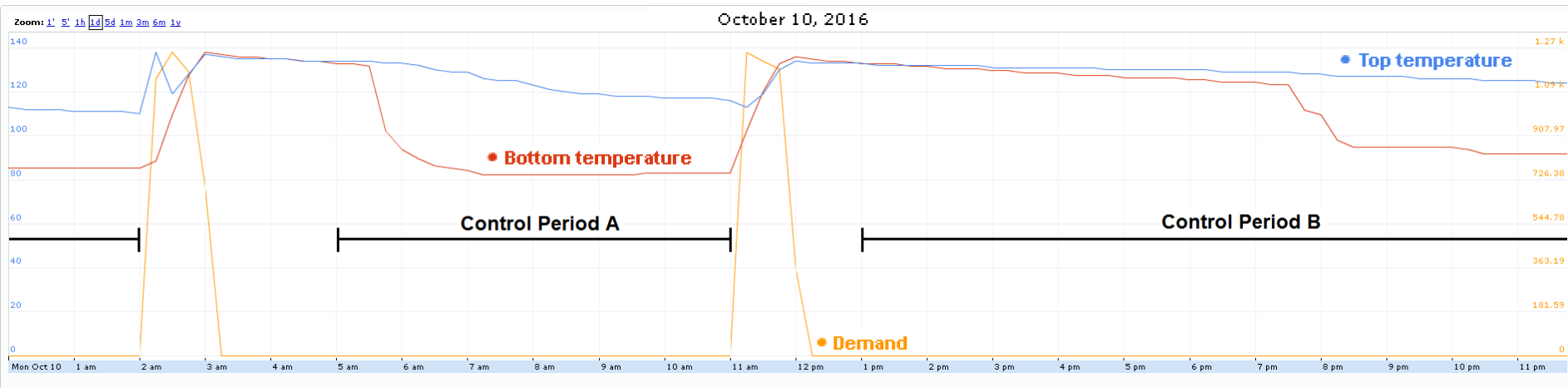
# WISE™ - Customer Comfort

While controlling 3:30pm – 8pm, the top temperature reached 108°  
Top element came on for 7 minutes, used 310 watt-hrs, then went back into control  
Still shifted 2.53 kWh out of the 4.5 hr control time



# Typical control of 50gal tank – Two working adults

Controlling for shift out of peak and TOU, and then storing load for valley fill



98% out of morning and/or afternoon peak hour, 94% out of the 6-8 hour TOU

Seamless to customer – Always had hot water

4.1 kWh out of morning peak – Recharge 4.5kW for 49 minutes

4.3 kWh stored till 2 AM – Valley fill 4.5 kW for 53 minutes

Flexibility to place load wherever needed 24/7/365

