Summary of ECOSMART Testing Data
Administered by Product Safety Consulting, Inc.

Assumption #1: Inlet temp of 67 Degrees F
Assumption #2: Cost of $0.08 per KWH

Traditional 40 Gallon Tank	vs. ECOSMART Tankless	Result
Test #1: Tank Heater Preheat Required time to preheat = 93 minutes Energy Consumption to preheat = 6.45 KWH Cost to Preheat = $0.51	ECOSMART units do not require preheating Required time to preheat = 0 minutes Energy Consumption to preheat = 0 KWH Cost to Preheat = $0.00	Save $ 0.51 100% Savings
Test #2: 10 Minute Shower @ 1.75 GPM @ 105°F Energy Draw Time = 6.5 minutes Recovery Time = 25.5 minutes Total Draw Time = 34.5 minutes Energy Consumption = 2.5 KWH Cost of Energy Consumption = $0.20	**Test #2: 10 Minute Shower @ 1.75 GPM @ 105°F** Energy Draw Time = 10 minutes Recovery Time = 0 minutes Total Draw Time = 10 minutes Energy Consumption = 1.6 KWH Cost of Energy Consumption = $0.128	Save $ 0.072 36% Savings
Test #3: 10 Minute Shower @ 2.0 GPM @ 105°F Energy Draw Time = 6.5 minutes Recovery Time = 36.75 minutes Total Draw Time = 42 minutes Energy Consumption = 3.11 KWH Cost of Energy Consumption = $0.248	**Test #3: 10 Minute Shower @ 2.0 GPM @ 105°F** Energy Draw Time = 10 minutes Recovery Time = 0 minutes Total Draw Time = 10 minutes Energy Consumption = 1.95 KWH Cost of Energy Consumption = $0.156	Save $ 0.092 37% Savings

Test #4: 20 Minute Bath Tub @ 3.0 GPM @ 105°F Energy Draw Time = 17.75 minutes Recovery Time = 67.116 minutes Total Draw Time = 84 minutes Energy Consumption = 6.2 KWH Cost of Energy Consumption = $0.496 **Note**: At the 18 minute mark the tank heater was unable to maintain the target temperature for the remainder of the testing.	**Test #4: 20 Minute Bath Tub @ 3.0 GPM @ 105°F** Energy Draw Time = 20 minutes Recovery Time = 0 minutes Total Draw Time = 20 minutes Energy Consumption = 5.32 KWH Cost of Energy Consumption = $0.425 **Note**: ECO 27 was able to maintain the target temperature throughout the entire testing.	Save $ 0.071 14% Savings *Plus the ability to continuously have access to hot water.
Test #5: 3 Minute Hand Washing @ 1.5 GPM @ 105°F **Note:** Tank heater did not draw any power during this simulation. Based on 1 individual hand washing application. Test results on multiple hand washing applications would result in wattage consumption.	**Test #5: 3 Minute Hand Washing @ 1.5 GPM @ 105°F** Total Draw Time = 3 minutes Energy Consumption = 0.4 KWH Cost of Energy Consumption = $0.032	Cost $0.03

This report or test does not take into account any additional cost associated with HEAT LOSS from tank heater which increases the overall operational cost of a tank heater by generally 20%.