

## DEEMED SAVINGS TECHNICAL ASSUMPTIONS

**Product: School Education Kit**

**Description:**

A package of home energy efficiency measures in a kit that can be distributed to 5th or 6th grade students. Each participant receives a kit containing LED bulbs, a high efficiency showerhead, and high efficiency sink aerators (kitchen and bath).

**Product References:**

Measures "Provide Efficient Showerhead"	Refer to Program "Energy Efficient Showerhead - CO" to find formulas for Customer Dth, Customer kWh, customer kW, customer PCKW, etc. for the "Efficient Showerhead" measures.
Measures "Provide Efficient Kitchen Faucet Aerator"	Refer to Program "Energy Efficient Showerhead - CO" to find formulas for Customer Dth, Customer kWh, customer kW, customer PCKW, etc. for the "Efficient Kitchen Faucet Aerator" measure.
Measures "Provide Efficient Bath Faucet Aerator"	Refer to Program "Energy Efficient Showerhead - CO" to find formulas for Customer Dth, Customer kWh, customer kW, customer PCKW, etc. for the "Efficient Bath Faucet Aerator" measure.
Measures "Replace incandescent lamps with LEDs"	Refer to Program CO Home Lighting & Recycling to find formulas for Customer kW, Customer kWh, Customer PCKW for the "LED" measure.
Measure "Provide Efficient Showerhead"	Refer to Program "Energy Efficient Showerhead - CO" to find reference table for "Gas Split Factor", "Hours", "Coincidence Factor", etc values.
Measures "Provide Efficient Kitchen Faucet Aerator"	Refer to Program "Energy Efficient Showerhead - CO" to find reference table for "Gas Split Factor", "Hours", "Coincidence Factor", etc values.
Measures "Provide Efficient Bath Faucet Aerator"	Refer to Program "Energy Efficient Showerhead - CO" to find reference table for "Gas Split Factor", "Hours", "Coincidence Factor", etc values.
Measures "Replace incandescent lamps with LEDs"	Refer to Program "Home Lighting and Recycling - CO" to find references and tables for "Hours", "Coincidence Factor", etc values.
Measure "Provide Efficient Showerhead"	Refer to Program "Energy Efficient Showerhead - CO" to find reference table for Operation and Maintenance cost savings value due to water savings, measure lifetime, etc.
Measures "Provide Efficient Kitchen Faucet Aerator"	Refer to Program "Energy Efficient Showerhead - CO" to find reference table for Operation and Maintenance cost savings value due to water savings, measure lifetime, etc.
Measures "Provide Efficient Bath Faucet Aerator"	Refer to Program "Energy Efficient Showerhead - CO" to find reference table for Operation and Maintenance cost savings value due to water savings, measure lifetime, etc.
Measures "Replace incandescent lamps with LEDs"	Refer to Program "Home Lighting and Recycling - CO" to find reference table for measure lifetime, etc.

**Variables:**

Incremental Costs		= costs provided by vendor.
Net-to-Gross Factor (NTG)	100%	As these kits would not be available without the product.
Install Rate	90%	Actual Installation Rates will be collected as part of the M&V. Assumed Forecast Value for LED
<b>Install Rate</b>	<b>45%</b>	<b>Actual Installation Rates will be collected as part of the M&amp;V. Assumed Forecast Value for Showerheads &amp; Aerators</b>

## DEEMED SAVINGS TECHNICAL ASSUMPTIONS

### Inputs:

#### Provided by Customer:

Number of kits distributed  
Was LED installed  
Was showerhead installed  
Was Kitchen aerator installed  
Was Bath aerator installed

#### Verified during M&V:

Yes  
Yes  
Yes  
Yes  
Yes

### Assumptions:

Savings shown above include homes with either electric or gas water heaters. The Energy Efficient Showerhead - CO program monitors and establishes a gas split factor for use in homes where the water heater type is unknown. School Education Kits will use the Energy Efficient Showerhead - CO program's gas split factor for unknown water heater types to calculate and claim energy savings.

### Changes from Recent Filing