

➤ **Summary of 60-Day Notice: Multifamily Building Pilot**

Public Service Company of Colorado (“PSCo” or “the Company”) posts this 60-Day Notice to (1) revise the CFL lamp size assumption; (2) revise the LED wattage assumption to reflect the bulbs being installed; (3) update the deemed sheet to reflect the use of incremental costs/rebates that align with vendor pricing; (4) add new direct install measures; (5) revise the technical assumptions for water heater blankets; and (6) correct Deemed Savings references.

1. Weighted Average for CFL Lamp Size

The Company has revised the CFL measure assumption from a combination of three 18W and two 13W CFLs to a weighted average of three CFL sizes (13W, 14W globe, and 18W), with the weighting based on installation quantity projections provided by the third-party implementer.

2. LED Wattage Assumption

The third-party implementer will be installing 9W LED lamps, instead of 11W LED lamps.

3. Incremental Costs Updated to Reflect Vendor Pricing

In the 2015/16 DSM Plan, the Deemed Sheet for the Multifamily Buildings Pilot utilized incremental costs from the School Education Kits product, however the actual costs are those of the third-party implementer for the direct installation of the equipment. The Deemed Sheet has been updated to reflect those costs.

4. Additional Measures for Direct-Install

The Company anticipates installation of low-flow showerheads for handheld systems as well as CFL globe fixtures in addition to screw-in lamps.

5. Revise Technical Assumptions for Water Heater Blankets

The water heater blanket’s energy and demand savings were modeled based on a 50-gallon water heater with an R8-rated water heater blanket. The new deemed heat loss factors have been recalculated to model savings based on a 40-gallon water heater (which aligns with the assumptions for the faucet aerator and showerhead measures) and a water heater blanket with an insulation value of R11. This is what the third-party implementer will be installing. The new calculated heat loss factors also take into account the nature of radial (curved) systems, as is the case with a typical storage tank water heater.

6. Update Technical Assumption References in the Deemed Savings

The references in the Deemed Savings sheet have been updated to reflect appropriate program references, equations, and variables used to calculate energy and demand savings. The sheet now references the Home Lighting & Recycling and Energy Efficiency Showerheads products rather than the School Education Kits product.

These changes, in sum, result in the following forecasted impacts for the Multifamily Buildings Pilot performance in 2015 and 2016. With the late launch of the 2015 Plan-year, the pilot is not forecasting natural gas savings at a level that is cost-effective.

Table 1: Summary of Forecasted Electric Impacts

Multifamily Buildings Pilot	2015		2016	
	<i>As Filed</i>	<i>Revised per 60-Day</i>	<i>As Filed</i>	<i>Revised per 60-Day</i>
Electric Savings (kWh)	480,653	205,805	560,772	968,389
Electric Demand Reduction (kW)	80	19	206	267
Budget* (\$)	\$146,644	\$98,789	\$193,655	\$177,178
MTRC Test Ratio	1.71	1.44	1.61	2.17

*While the anticipated expenditure impacts are forecasted, the Company acknowledges that this Notice does not change the filed budget.

Table 2: Summary of Forecasted Natural Gas Impacts

Multifamily Buildings Pilot	2015		2016	
	<i>As Filed</i>	<i>Revised per 60-Day</i>	<i>As Filed</i>	<i>Revised per 60-Day</i>
Natural Gas Savings (Dth)	2,653	210	8,428	9,907
Budget* (\$)	\$78,384	\$64,416	\$132,698	\$95,949
MTRC Test Ratio	2.05	0.43	1.62	1.73

*While the anticipated expenditure impacts are forecasted, the Company acknowledges that this Notice does not change the filed budget.

Included with this Notice, are the following documents:

- Redlined Multifamily Buildings Efficiency Write-Up;
- Redlined Multifamily Buildings Deemed Savings Technical Assumptions;
- Redlined Electric Forecast Summary; and
- Redlined Natural Gas Forecast Summary

These documents can be found on our website at the following link:

http://www.xcelenergy.com/Company/Rates_&_Regulations/Filings/Colorado_Demand-Side_Management