

Cold Water Commercial Laundry System

Date reviewed: 08/03/2016

Description of Technology		Energy Saving Opportunity		
<p>Commercial laundry system that provides the same level of cleanliness and whiteness. The chemical system, a combination of detergent, bleach, softener and whitening agent, enables reduced consumption of hot water which provides energy, water, and sewer cost savings. Washing machines are programed by technical representatives to use less hot water, ensuring compliance.</p>		Sector(s):	Residential	
		<input checked="" type="checkbox"/>	Commercial & Industrial	
		Applicability Criteria:	Hotels	
		Efficiency Improvement:	Energy & Water usage	
		Energy (%) Savings Potential:	~50% Energy and ~55% of Hot water	
		Demand (%) Reduction Potential:	N/A	
Strengths		Weakness		
<ul style="list-style-type: none"> • Energy savings through reduced consumption of hot water • Water savings • Financial savings through reduced costs for energy, water and sewer fees. • Reduced wear and tear on garments • Doesn't require an upfront investment • Works with installed washing machines 		<ul style="list-style-type: none"> • The Washers has to be programed to use less hot water • Washers can be programed back to original settings • Currently only approved for hotels and motels 		
Third Party Analysis/ Previous MTAC Reviews		Suppliers Known to MTAC	MTAC Status	
Eversource Internal Engineering Review		P&G Aquanomic	Acknowledged to have energy savings potential and referred to individual PA for their own EE program consideration	
Market Development Issues				
Cost:	+\$0.23/ Load			
Market Risk and Barriers:	Limited Suppliers & Education needed			
Time to Market:	Currently on market			
Simple Pay-back: (Years)	56 Loads or ~ 1 Week for average hotel			

