



Commercial Rebate - Summary of Technologies

Technology	Description	Rebate Level	Features	Customer Benefits
Air Conditioning (Direct Expansion) must exceed IECC 2006 code baseline	Most common type of cooling in commercial buildings; often called DX or unitary air conditioning or “packaged” units	See Rebate Tables	Sizes typically range 1 to 100 tons; Quiet operation; Equipment warranties	High efficiency a/c reduces operating costs; Improves comfort; Increases reliability; Reduces maintenance
Air Conditioning (Chillers) must exceed IECC 2006 code baseline	Chilled water equipment (chillers); chillers can be centrifugal, reciprocating or screw/scroll	\$250/kW air cooled \$500/kW water cooled	Environmentally friendly refrigerants; Equipment warranties	High efficiency a/c reduces operating costs; Improves comfort; Increases reliability; Reduces maintenance
Solar Film/Screens (excludes New Construction)	Window treatments for rejecting the solar heat gain during summer months	\$0.80/sq. ft. (shading coefficient 0.45 or less to qualify)	Reject solar radiation (heat gain); Provides aesthetic qualities	Lowers cooling requirements; Improves tenant comfort; Reduces glare
Ceiling/Roof Insulation (excludes new construction)	Fiber, foam or reflective materials that impede the flow of heat into a building’s envelope	\$0.30/sq.ft. (ceiling) \$0.30/sq. ft. (roof) Cannot be combined	Wide range of material availability; Best applied during re-proofing project	Lowers cooling & heating requirements; Improves tenant comfort; Lowers operating costs
Energy Recovery Ventilators	Use of cooler exhaust air for cooling	\$250/kW	Reduces cooling load by heat exchange system	Less humidity and lower equipment loading
Spray-on Reflective Roof Coatings	Highly reflective roof coatings and primarily reject solar radiation	\$0.15/sq. ft.	Easy coating installation	Lowers cooling requirements; Extends life of roof; Helps prevent leaks
NEMA Premium™ Efficiency Motors	Motors are used in most commercial/industrial process and manufacturing applications	Also Point of Purchase vendor discounts available NEMA Premium™ motors only	Wide range of motor efficiencies; Compatible with VFDs	Quick paybacks; Time proven technology; Extended equipment life
Transformers (Dry Type)	Harmonic canceling and high efficiency	\$250/kW reduced	Must exceed NEMA TP-1	Reduced harmonics saves energy on all equipment
Variable Frequency Drives (VFDs)	VFDs control motor speed to correspond to varying load requirements	\$250/kW reduced	Soft starting capability; Over speed capability; Long life; Low maintenance versus mechanical controls	Improves power factor; Increases energy efficiency; Eliminates need throttling mechanisms