



For Dairy Farms



Make your farm operation more energy efficient with equipment upgrades that pay for themselves

Energy-related agricultural best practice recommendations are now available in a variety of formats, including booklets, webinars, podcasts, and videos. These cost-saving resources are available for download at nyserdera.ny.gov/ag-best-practices and provide farms with:

- Recommendations for energy-efficient technologies
- Alternate modes of operation
- Conservation practices to optimize energy use
- Easy access to funding resources

Energy-Saving Dairy Technologies

The following is a sampling of energy-efficient upgrades that reduce energy use and may qualify for incentives and rebates.

Energy Use	Energy Saving Equipment	Typical Installation Cost	Typical Payback (Years)
Lighting	Light Emitting Diode (LED)	\$	2.5
Milk Cooling	Milk Pre-cooler	\$\$	2.0
Milk Cooling	VFD Milk Transfer Pump	\$\$	4.5
Milk Cooling	Scroll Compressor	\$\$\$	6.0
Ventilation	High Efficiency Fans	\$\$	8.0
Water Heating	Compressor Heat Recovery	\$\$	2.0
Milk Harvesting	VFD Vacuum Pump	\$\$\$	3.5

Notes: Actual project cost and savings may differ due to site specific conditions. VFD Milk Transfer Pump only recommended with a Milk Pre-Cooler.

\$ = Less than \$500

\$\$ = Greater than \$500 but Less than \$3,500

\$\$\$ = Greater than \$3,500



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Learn how to access energy-efficient technologies and available incentives.

visit: nyserdera.ny.gov/ag-best-practices

call: 1-800-732-1399

email: AgBestPractices@nyserdera.ny.gov



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