

**Massachusetts FY 2013 EQIP
National On-Farm Energy Initiative
Practice Schedule**

Practice Code	Practice Name	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
122	Agricultural Energy Management - Headquarters CAP	Livestock - Small < 70 AU	No	\$1,153.00	\$1,383.60
		Livestock - Medium 70-300 AU	No	\$1,510.41	\$1,812.49
		Livestock - Large 301-2500 AU	No	\$1,859.81	\$2,231.77
		Livestock - XLarge >2500 AU	No	\$2,409.81	\$2,891.78
		Non-Livestock - Single Enterprise	No	\$1,919.21	\$2,303.06
		Non-Livestock - Two Enterprises	No	\$2,440.92	\$2,929.11
		Non-Livestock - Three Enterprises	No	\$3,301.20	\$3,961.44
		Mixed Enterprises	No	\$797.07	\$956.48
124	Agricultural Energy Management - Landscape CAP	Non-Irrigated < 50 acres	No	\$1,244.70	\$1,493.64
		Non-Irrigated 50-499 acres	No	\$1,580.09	\$1,896.11
		Non-Irrigated 500-5,000 acres	No	\$1,928.33	\$2,313.99
		Non-Irrigated >5,000 acres	No	\$2,503.77	\$3,004.53
		Irrigated < 50 acres	No	\$1,925.14	\$2,310.17
		Irrigated 50-499 acres	No	\$2,557.96	\$3,069.55
		Irrigated 500-5,000 acres	No	\$3,308.33	\$3,970.00
		Irrigated >5,000 acres	No	\$3,715.49	\$4,458.59
374	Farmstead Energy Improvement	Ventilation - 36" Exhaust Fan	Ea	\$899.09	\$1,078.91
		Ventilation - 48" Exhaust Fan	Ea	\$1,063.12	\$1,275.75
		Ventilation - Horizontal Air Flow	Ea	\$202.02	\$242.42
		Refrigeration - Plate Cooler	Ea	\$4,059.39	\$4,871.27
		Refrigeration - Scroll Compressor	HP	\$837.91	\$1,005.49
		Controller Variable Speed Drive	HP	\$104.29	\$125.15
		Controller - Automatic Control System	Ea	\$1,457.61	\$1,749.13
		Electric Motor Replacement 10 - 100 HP	Ea	\$2,849.54	\$3,419.45
		Electric Motor Replacement >1 and <10 HP	Ea	\$695.47	\$834.56
		Electric Motor Replacement ≤ 1 HP	Ea	\$446.67	\$536.00
		Water Heating - Compressor Heat Recovery	Ea	\$3,103.03	\$3,723.64
		Building Environment - Heating	kBTU/Hr	\$23.31	\$27.97
		Building Environment - Greenhouse Screen ≤10,000 sq. ft.	SqFt	\$2.31	\$2.77
		Building Environment - Greenhouse Screen > 10,000 sq. ft.	SqFt	\$1.53	\$1.84
		Material Handling - Reverse Osmosis ≤250 gph	Gal/Hr	\$28.05	\$33.66
		Material Handling - Reverse Osmosis 600 gph	Gal/Hr	\$16.01	\$19.21
		Material Handling - Reverse Osmosis ≥1000 gph	Gal/Hr	\$11.75	\$14.10
		Drying - Enhanced PreHeater ≤24 sq. ft.	SqFt	\$290.96	\$349.15
		Drying - Enhanced PreHeater >24 sq. ft.	SqFt	\$199.38	\$239.25
		Drying - Evaporator Wood-Fired, Air Injected	SqFt	\$237.08	\$284.50
Drying - Evaporator Wood-Fired, Gasification	SqFt	\$484.64	\$581.57		
Drying - Evaporator Oil-Fired, Parametric Control	SqFt	\$590.04	\$708.05		
449	Irrigation Water Management	Basic IWM ≤ 30 acres	Ac	\$23.51	\$28.21
		Basic IWM > 30 acres	Ac	\$8.76	\$10.51
		Intermediate IWM ≤ 30 acres	Ac	\$31.34	\$37.61
		Intermediate IWM > 30 acres	Ac	\$11.25	\$13.50
		Advanced IWM ≤ 30 acres	Ac	\$39.18	\$47.02

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		Advanced IWM > 30 acres	Ac	\$13.75	\$16.50
		Soil Moisture Sensors_1st Year	Ea	\$1,017.77	\$1,221.32
		Soil Moisture Sensors with Data Recorder_1stYear	Ea	\$1,318.14	\$1,581.77
533	Pumping Plant	Electric-Powered Pump ≤ 3 Hp	HP	\$693.81	\$832.57
		Electric-Powered Pump ≤ 3 HP with Pressure Tank	HP	\$891.81	\$1,070.17
		Electric-Powered Pump >3 to 10 HP	HP	\$538.63	\$646.36
		Electric-Powered Pump >10 to 40 HP	HP	\$363.22	\$435.86
		Electric-Powered Pump >40 HP	HP	\$221.15	\$265.38
		Variable Frequency Drive	HP	\$110.10	\$132.12
		Internal Combustion-Powered Pump ≤ 7½ HP	HP	\$212.25	\$254.71
		Internal Combustion-Powered Pump > 7½ to 75 HP	HP	\$209.60	\$251.52
		Internal Combustion-Powered Pump > 75 HP	HP	\$139.79	\$167.75
		Windmill-Powered Pump	Ft	\$691.72	\$830.07
		Photovoltaic-Powered Pump	Ea	\$3,463.74	\$4,156.49
		Photovoltaic-Powered Pump	Ea	\$5,345.26	\$6,414.31
		Photovoltaic-Powered Pump	Ea	\$6,607.95	\$7,929.54
		Auto Start	Ea	\$5,777.91	\$6,933.49