

Table 1: Electricity Monitor Device Characteristics

Monitor Device Target & Type	Cost	Used to Measure	Insertion	Output	Requires Electrician
Single unit. Point of Use Monitor.	Inexpensive. < \$50	Single receptacle or single piece of equipment. Displays real-time electricity use, total consumption over time, voltage, and current. Some have means of recording data.	Majority are plug in.	Digital display typically. Some record data for later review.	No.
Electrical Meter. Meter Monitor.	Moderate. \$100 - \$200	Real-time total electricity use for all equipment &/or circuits on that meter.	Affixed to electric meter.	Typically transmits data for display.	No.
Single Phase System. Electric Panel Monitor.	Moderate. \$100 - \$200	Entire building, system, or subpanel.	Installed in panel.	Data recording & storage; computer interface for analysis.	At least a part of this type requires an electrician to install.
Three Phase System. Larger Installations.	More Expensive . > \$1000	Entire building, system, subpanel.	Installed in panel.	Data recording & storage; computer interface for analysis.	At least a part of this type requires an electrician to install.