VPPSA Priority Projects to Support Electrification

Project	Description	Project Cost	Funding Request (50% Cost Share)
Advanced Metering Infrastructure	Install advanced metering infrastructure ("smart meters") to improve utility operations and data access to facilitate load management and dynamic rate design.	$12,000,000	$6,000,000
Customer Portal Software	Allows customers to access and monitor their energy usage and adjust usage based on grid conditions and costs. Improves communication regarding power outages. Provides greater visibility for both utilities and customers. Supports distribution grid optimization and allows utilities to proactively accommodate load increases due to electrification.	$280,000	$140,000
GIS Data Collection and Program Support	Supports distribution system planning and broadband rollout. Facilitates engineering studies for interconnection of renewable generation and storage facilities.	$500,000	$250,000
Battery Storage	Improves reliability. Reduces peak loads and associated transmission/distribution upgrades. Positions utilities to respond to regional grid conditions and potential outages. Utility-scale storage installations integrate renewables, improve system resilience, and reduces customer costs.	$4,000,000	$2,000,000
	TOTAL Investment	$16,780,000	**$8,390,000**

VPPSA
Vermont Public Power Supply Authority