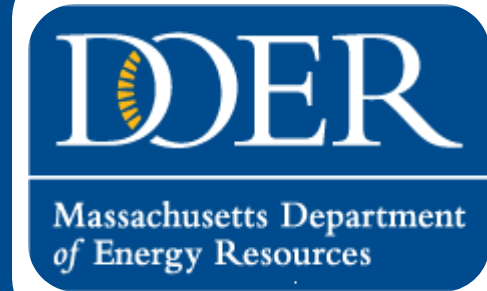


Creating a Clean, Affordable and Resilient Energy Future for the Commonwealth



Demand Reduction Grant Program Overview

Goals of the Grant Program

- Provide a market incentive to test demand reduction hypotheses
- DOER sought proposals addressing two topics: (1) geographically focused demand reductions and (2) general demand reductions
- Build a diverse portfolio of projects to inform long term planning of demand reduction as an EE resource
- Total grant amount of \$5,123,424

Statewide Portfolio of Demand Reduction Demonstration Projects

	Residential	C&I			Geotargeted
		Small	Mid	Large	
National Grid	WiFi Tstat DLC (Central A/C)	WiFi Tstat DLC	WiFi Tstat DLC	Interruptible load approaches	
CLC	WiFi Tstat DLC (Central A/C) Behavioral DLC on ductless minisplits and window A/C	BTM thermal storage	BTM thermal storage		
Unitil	Battery storage for existing solar PV systems			Operations changes	
Eversource		EMS WiFi Tstat Lighting/HVAC controls DLC	Software & Controls Onsite training Process Audits Batteries Thermal Storage	Software & Controls On-site training Process Audits Real Time info Batteries Thermal Storage Demand Response	
DOER	Battery storage w/ solar PV (3rd party)	DLC on multiple technologies w/ISO demo	Vertical market DR with modeled BTM storage package	Gas demonstration	Substation battery
	DLC for EV chargers		Integrated virtual micro-grid	Battery storage w/ solar PV(3rd party)	BTM thermal storage (SF/MF) - (3rd party)
	Consumer research and program optimization				

Desired Results

IOU & Municipal

Electricity & Gas

Summer & Winter

**System, Distribution, &
Customer**

Tech-specific & BYO

Explore ISO Market Rules

PA Controlled & 3rd Party Controlled

**Shifting, Curtailment, &
Storage**

**Logical & Equipment-
based reduction**