

Microgrid Program Projects

Updated: 8/27/2019

<u>Name of Project</u>	<u>Projected/Actual Date of Completion</u>	<u>Project Status</u>	<u>Facilities</u>	<u>Generation</u>	<u>Program Award</u>
ROUND 1					
Wesleyan University	Mar-14	operational	Campus, Athletic Center (Public Shelter)	(1) 2.4 MW and (1) 676 kW Natural Gas Combined Heat and Power Reciprocating Engine	\$ 693,819
Woodbridge	Feb-18	operational	Police Stations, Fire Station, Department of Public Works, Town Hall, High School, Library	2.2 MW fuel cell	\$ 3,000,000
Hartford -- Parkville	Mar-17	operational	School, Senior Center, Library, Supermarket, Gas station	(4) 200 kW fuel cells	\$ 2,063,000
University of Hartford	Aug-15	operational	Dorms, Campus Center, Operation Building	(2) 1.9 MW diesel (existing), 250 kW diesel, 150 kW diesel	\$ 2,270,333
Fairfield	Apr-16	operational	Police Station, Emergency Operations Center, Cell Tower, Fire Headquarters, Shelter	50 kw natural gas recip engine, 250 kW natural gas recip engine, 27 kW PV, 20 kW PV	\$ 1,167,659
Bridgeport	Apr-18	operational	City hall, Police Station, Senior Center	(3) 600 kW natural gas microturbines (CHP)	\$ 2,975,000
Windham	Apr-17	operational	2 Schools (Various Public Purposes)	(2) 100 kW natural gas, (2) kW diesel	\$ 709,350
ROUND 2					
Milford	Jun-20	under construction	Parsons Complex, middle school, senior center, senior apts, city hall	(2) 148kW natural gas CHP units, 120KW PV, 100kW battery storage	\$ 2,909,341
University of Bridgeport	Nov-16	operational	campus buildings - dining hall, rec center, student center, 2 residential buildings as shelter, police station	1.4 MW fuel cell	\$ 2,180,899
ROUND 3					
Wesleyan University - expansion project	Dec-17	operational	campus buildings - dining venue, public safety building, physical plant building	EXISTING (1) 2.4 MW and (1) 676 kW Natural Gas Combined Heat and Power Reciprocating Engine	\$ 424,000
ROUND 4					
Daughters of Mary of the Immaculate Conception	Sep-21	contract negotiation	Marian Heights, St. Lucian's Residence, Prudence Crandall Hall, and Hospital for Special Care	(4) new 100kW / 255kWh battery energy storage systems, (4) existing solar PV systems (249kW, 216kW, and two 120kW arrays), 225kW natural gas generator	\$ 3,872,538
Coventry Microgrid	Sep-21	contract negotiation	High School, Middle School, Town Hall, Fire Station, Police Station, Town Hall Annex and Radio Tower, School Admin, and two sections of Orchard Hills senior housing development	(4) 125kW CHP units, 288 kW solar PV system, 500kW / 1500kWh battery energy storage system	\$ 4,000,000
CMEEC - SUBASE New London	Oct-21	contract negotiation	45 critical facilities, including four piers, at Submarine Base New London	existing 5 MW turbine generator, (2) existing 750 kW diesel generators, (2) new 3.7 MW fuel cells	\$ 5,224,415