

2018 Energy Innovation Grant Awards

The following applications were selected for award negotiations during the September 27, 2018 Open Meeting of the Public Service Commission of Wisconsin. The award selections will be finalized upon issuance of a final Order.

Map Ref #	Applicant	ERF Ref #	Description	Award Amount
2	School District of Arcadia	347328	This project proposes to replace two diesel school buses in the district's fleet with propane school buses. The payback period for the buses is less than three years.	\$12,000.00
4	City of Ashland, Planning and Development Department	347301	This project proposes to install a 33.3 kW Solar PV System. The system has an annual savings of \$5,224, with a simple payback of 2.5 years, assuming grant funding.	\$99,000.00
6	Bayfield County	347407	This project has three components: A renewable energy component that seeks to install 160 kW of solar at two county buildings, improved cooling systems, and a conversion of two new sheriff squads to CNG and biofuel. The project has an 11-year payback.	\$133,989.00
8	City of Beaver Dam	347421	This project proposes to upgrade the HVAC systems in the City Hall and Fire & Rescue Department.	\$257,879.00
9	Brown County	347434	This project proposes to install a 98 kW solar energy system. The expected break-even point is during year 18.	\$211,580.00
12	County of Dane	347384 347390	This project proposes to implement systems to take advantage of landfill gas and use it for CNG fueling and building heating. The payback period for the project is 9.7 years.	\$450,000.00
13	Darlington Community School District	347389	The proposed feasibility study seeks to investigate the feasibility of having the state's first zero net energy schools.	\$49,970.00
16	Denmark School District	347432	This project proposes three efficiency upgrades: LED lighting retrofits, cool-roof replacements, and building envelope improvements. The simple payback for the project is 24.6 years.	\$128,766.00
18	Drummond Area School District	346517	This feasibility study seeks to investigate the feasibility of a PV system and Energy Efficiency measures.	\$4,734.00
20	Eau Claire Renewable Energy Action Plan	347391 348214	The proposed plan seeks to help Eau Claire set new energy independence goals, as the city has already met its 25% by 2025 goal.	\$180,000.00
25	Expera Specialty Solutions Holdings, Inc.	347364 347720	This project proposes to improve production efficiency of renewable energy and improve building energy usage efficiency. The total payback period before grants is 2.0 years. With grants, the payback period is 1.5 years.	\$114,000.00
28	Forest County Potawatomi Community	346341	This project proposes to install a 103 kW solar PV system and a 300 kWh solar PV battery storage system. This will result in an estimated annual savings of \$11,772, with a simple payback of 25 years.	\$301,535.00

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35	School District of Holmen	347325	This project proposes to add three new propane school buses to an existing fleet with its own fueling station. The payback period for the buses is less than three years.	\$18,000.00
37	Juda School District	346491	This project proposes to implement a number of energy efficiency upgrades in the school district, including LED Lighting, building envelope improvements, and installing a 4.225 kW solar array. The annual energy savings are around \$30,438, with a payback period of around 5.8 years.	\$227,363.00
45	County of La Crosse	347197	This project proposes to install 1245 LED lights in La Crosse County's Health and Human Services building. The project will generate an estimated savings of \$26,456/year, resulting in a simple payback of 1.4 years.	\$90,000.00
46	School District of La Crosse	347317	This project proposes to upgrade lighting at two school buildings. This will reduce energy consumption by over 70%, with a simple payback period of 12.4 years.	\$130,580.51
48	City of Madison	347305	This project proposes to purchase 20 full plug-in electric vehicles. This will result in a savings of \$174,000 in fuel costs over the 10-year EV service life, and \$130,000 in maintenance costs.	\$129,300.00
54	City of Middleton	347259	This project proposes to develop comprehensive energy plans for the seven municipalities of Fitchburg, Middleton, Monona, Sun Prairie, Marshall, Waunakee, and Stoughton.	\$200,000.00
56	Milwaukee Public Schools	345340 345341	This project proposes to implement a number of energy efficiency upgrades at 25 MPS buildings. MPS aims to reduce energy consumption costs by 20%.	\$215,680.00
57	City of Milwaukee	347436	This project proposes to create a comprehensive energy plan for the City of Milwaukee.	\$190,436.00
63	Mukwonago Area School District	347092 347289	This project proposes to install a 390 kW-DC solar array on the roof of Mukwonago High School. The project is expected to offset nearly 50% of the high school's energy needs, generating \$41,000 in utility savings annually, and has an expected payback of 8 years with funding.	\$420,000.00
66	New Organic Digestion, LLC	348399	This project seeks to improve efficiencies and infrastructure to an anaerobic digestion facility. Additionally, the project seeks to purchase a new CNG fleet. The project has a 2-year payback period.	\$234,180.00
68	North Crawford School District	347345	This project proposes to replace two diesel school busses in the district's fleet with propane school buses. The payback period for the buses is less than three years.	\$12,000.00
69	Octopi Brewing, LLC	348235	This project proposes to install a PV and battery system. The payback with the grant would be 6.94 years, or 16.95 years without the grant.	\$250,000.00

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76	City of Racine	347408	This comprehensive energy plan seeks to set clean energy goals and identify opportunities for reducing energy and deploying renewable energy resources.	\$78,000.00
79	School District of Reedsburg	347195	This project proposes to upgrade the lighting at 3 schools, resulting in an estimated savings of \$124,355/year, with a simple payback of 1.53 years.	\$345,000.00
81	Riverdale High Schools	347193 346885	This project proposes to upgrade lighting in 4 of the applicant's buildings. The project will result in an estimated \$49,698/year with a simple payback of .99 years.	\$135,000.00
84	Solon Springs School District	347394	This project proposes to install a 100 kW solar array. The estimated payback period for the project is 7.5 years.	\$124,500.00
91	School District of Washburn	347362	This project proposes to install a 120 kW Solar PV System. The project has an estimated 12-year payback period.	\$50,335.00
92	City of Waterloo	347194	This project proposes to upgrade lighting and install wireless thermostats at 5 of their buildings. The project will provide an estimated savings of \$22,983/year.	\$50,000.00
94	City of Wausau	347177	This project proposes to upgrade lighting in City-owned parking ramps. The proposed upgrades would cut energy use by 84% compared to the existing system, resulting in an annual savings of 896,586 kWh, with a 3.02-year payback period.	\$150,900.00
Total				\$4,994,727.51

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Presented by the Office of Energy Innovation

