

2017

# Green Iowa AmeriCorps: LED Blitz Project Report

University of Northern Iowa. Center for Energy & Environmental Education.

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## LED Blitz

The LED Blitz went well. Throughout the summer as a group we did a lot of planning for a blitz of installs rather than individual appointments. The Conservation Corps goal for direct installs was a total of 50. We agreed on a group goal of 75. We reached out to three locations; Alliant Energy, EMBARC, and Preserve at Crossroads.

Alliant Energy is the energy company in Iowa Falls. The full and part time Green Iowa crew made the drive to Iowa Falls and did an LED Blitz in 22 homes. Below are the totals from Iowa Falls:

- 85 bulbs installed (21.25 pkg)
- 3,251 watts saved
- 7 shower heads installed
- 13 bathroom faucet aerators installed
- 9 kitchen faucet aerators installed
- **\$355.98 saved yearly**

Iowa Falls was our first LED Blitz for the summer, as a group we are happy with the outcome of the blitz. EMBARC was our next event after Iowa Falls.

EMBARC was a great organization to work with. We held an informational day to the students to help teach them about Green Iowa and what we have to offer. We mainly focused on LED Blitz, as that being the most helpful to them at this time. The students enjoyed their time with us and shared that they learned a lot about energy efficiency. Unfortunately, due to the term coming to an end and the time commitment of explanation of the process, we were not able to do a direct installs with EMBARC. They are on the contact list for the next term and we have a contact with EMBARC that understand the process. Preserve at Crossroads was the second LED Blitz that we completed this summer.



Preserve at Crossroads is an apartment complex that is designated for low income families and people who have disabilities. We contacted the complex to see if they were interested in us coming and doing installs. The manager was excited that we reached out to them. The manager helped us spread the word to the tenants. We did direct installs in 53 apartments. Below are the totals from Preserve at Crossroads in Waterloo:

- 399 bulbs installed (99.75 pkg)
- 17,860 watts saved
- 9 shower heads installed
- 6 bathroom faucet aerators installed
- 8 kitchen faucet aerators installed
- ~95 feet of water pipe insulated
- ***\$1,950.71 saved yearly (Avg. of \$36.79 per apt per year)***

We were happy on the effect we had at Preserve at Crossroads. The tents seemed just as excited as we were about the savings. As a group we learned a lot from doing the LED Blitzes.



Advice to the next group that does the LED Blitz is to take more pictures at the blitz. We forgot to take a group picture at the Iowa Falls LED Blitz. We also suggest to have everyone look at the “Don’t forget list” before packing the van, just in case the member forgot to add something. Overall the group project went well and according to plan. As a group we enjoyed meeting the people who received new light bulbs and partook in our LED Blitz.