

Detroit 2030 District Blog Spotlight

FEATURING DETROIT LIONS

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Detroit Lions commitment to Energy Conservation & Sustainability in 2023



A big big thank you!

The Detroit Lions has continued to make big changes that will help the great city of Detroit towards sustainability here in 2023 and beyond. Read more below about the stadiums changes that pushes them towards energy conservation.

“The commitment to energy conservation and increased sustainability focused practices are continuous efforts of the Detroit Lions at Ford Field. We’ve implemented several upgrades over the past few years and are currently undergoing additional projects that lead to both energy and cost saving measures. A few projects of note include our chiller optimization project, lighting upgrades, water conservation and tying our equipment in our building management system. The expected completion of the chiller optimization project for the chiller plant this year will allow parameters to be more refined, resulting in energy savings, as it will be 100% digitized.

We are continuing work on our lighting control upgrade project to schedule lights more accurately as well as our LED retrofit. The stadium is near 90% completed and we expect the remaining areas to be finished by end of 2024. Our hot water tanks are electric and prior to updates, they had to be operational at all times. Now they are tied into our BMS where they are turned on as needed and are programmed to keep bacteria from forming as they are flushed twice a week.

Yet another completed project is the install of water softeners for the cooling towers for the chiller plant. Using soft water, we’re able to double the amount of concentration. This process allows us to save water as we don’t have to open the drains as often to get rid of the total dissolved solids. Since implementing these projects, we have seen a cost savings of approximately 25% each month in our electricity bill. We also are saving approximately \$10,000 in water and treatment costs and approximately 400,000 gallons of water annually.” - Jamie Bragenzer



We are looking forward to watching them develop the stadium. Follow along on their social media platforms to see upcoming changes and up to date news and events happening at the stadium.