In order to meet the 3 Star criteria, the City of Warren utilizes the B3 benchmarking online application to manage and track the power used in city and public buildings since 2008 such as the City Office/Shop, the Warren Fire Hall, and the Warren Library. The North Star Assisted Living and Manor as well as the Westbridge Center have been tracking data from 2012-2015. The city also uses meters to monitor and record utility data in regards to natural gas, electricity, and water usage per unit. Per city policy, one form of information technology energy saving strategies being used is through the implementation of programmable thermostats in each city or public building. Outdoor temperatures are used to determine the necessary amounts (in degrees) of heating/cooling delivered to a building. Westbridge Center also uses an automated building management system to prevent non-essential energy usage outside of business/operating hours. [i]

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[i] BP 1 – Action No. 4 – 1 Star

To continue utilizing information technology and increasing city employee engagement to reduce plug loads and over building energy use, the City of Warren as part of its orientation process instructs new and existing employees to minimize the use of personal appliances as an adequate break room/kitchen is available and stocked for use as well as instructing employees to shut down computers, surge strips, printers, etc. before leaving. In an attempt to use the lowest amounts of energy, the city has its custodians come in right after business hours have ended. A majority (at least 75%) of offices has at least one window that provides adequate lighting on sunny days reducing the need for overhead lighting and are outfitted with blind shading as well as half of the offices being equipped with task lighting as well as overhead fixtures. Occupancy-sensing lighting was installed 2011 in the shop/employee break room as well as programmable thermostats in each building.

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ii BP 1 – Action No. 4 – 2 Star

1 and 2 Star criteria are completed to reach the 3 Star criteria