

Best Practice 1, Action 3 – Efficient Existing Public Buildings: 2 Star

Date action report first entered: 01/09/2014

Implementation details: Remodeled city library with improving insulation and putting on addition. Goal to improve heating and cooling costs. Keep utility cost the same with 40 X 40 additions in place.

Outcome measures/metrics: Reduced then fixed the city's library utility costs a year after installation.

Descriptive links: Upgrade indoor lighting to two existing city owned buildings

For more information contact:

Shannon Mortenson (City staff) | shannonm@warrenminnesota.com | 218-745-5343

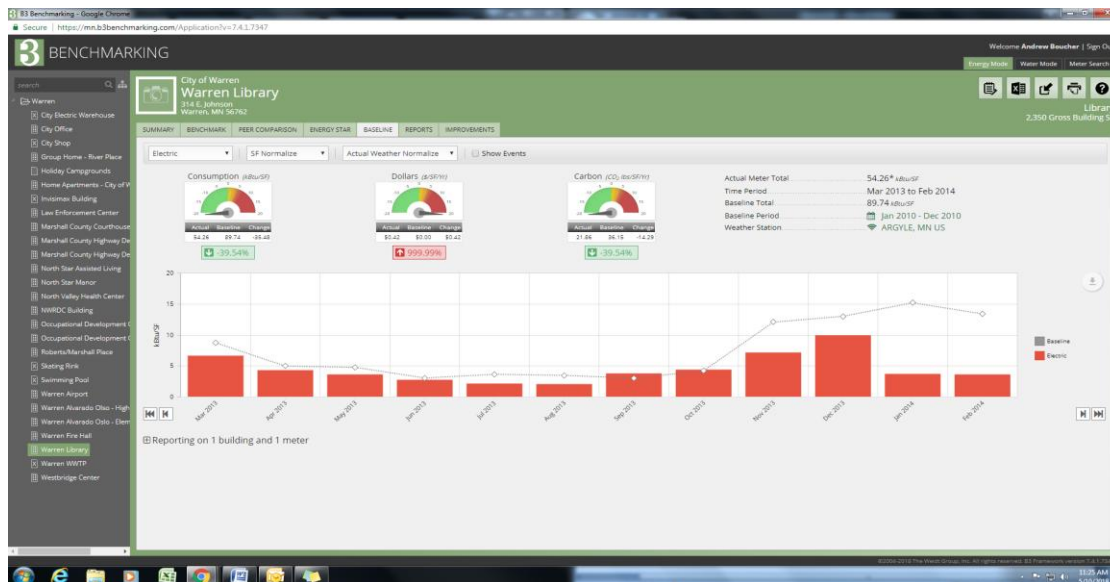
Partners:

City's powersavers & Franklin Energy for doing lighting audit; Northland Aeronautics for energy audits

Date action report entered: 05/10/2018

Implementation details: Conducted a thermal imaging survey to determine energy loss in every public building to prioritize retrofit/retro-commission projects; installed building operation technology from 75F, this includes a CCU, Smartstats, occupancy sensors, etc.

City Library: a year prior to lighting replacement; 54.26 kBTU/sq. ft.



Best Practice 1, Action 3 – Efficient Existing Public Buildings: 2 Star

City Library: a year following the lighting replacement; 32.06 kBTU/sq. ft. (41% decrease in baseline)

