

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

Date action report first entered: 02/14/2014

Implementation details:

Replace incandescent lighting with LED light fixtures in old hospital building to make space usable for offices. Upgrade lighting in city library to 28 watt fixtures instead of 40 watt fixtures at time of replacement of failing fixtures.

Outcome measures/metrics:

Replace old fixtures and improve operating costs of lighting systems in newly remodeled buildings in Warren.

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 and Franklin Energy for doing lighting audit.

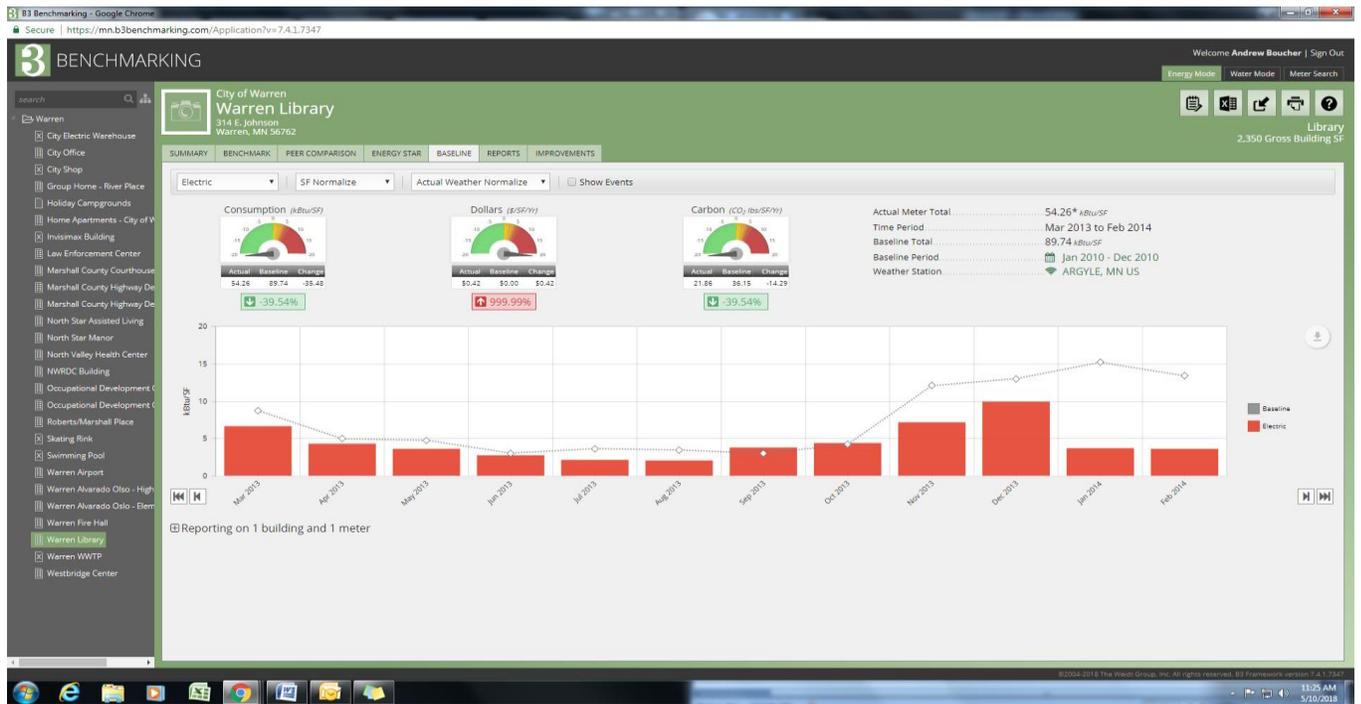
Date action report entered: 05/10/2018

Implementation details: Installed 75F building control technology in City Hall; this includes updating and customizing temperature, ventilation, and lighting schedules/setbacks. This supplements our building-wide computer and office equipment power management policies.

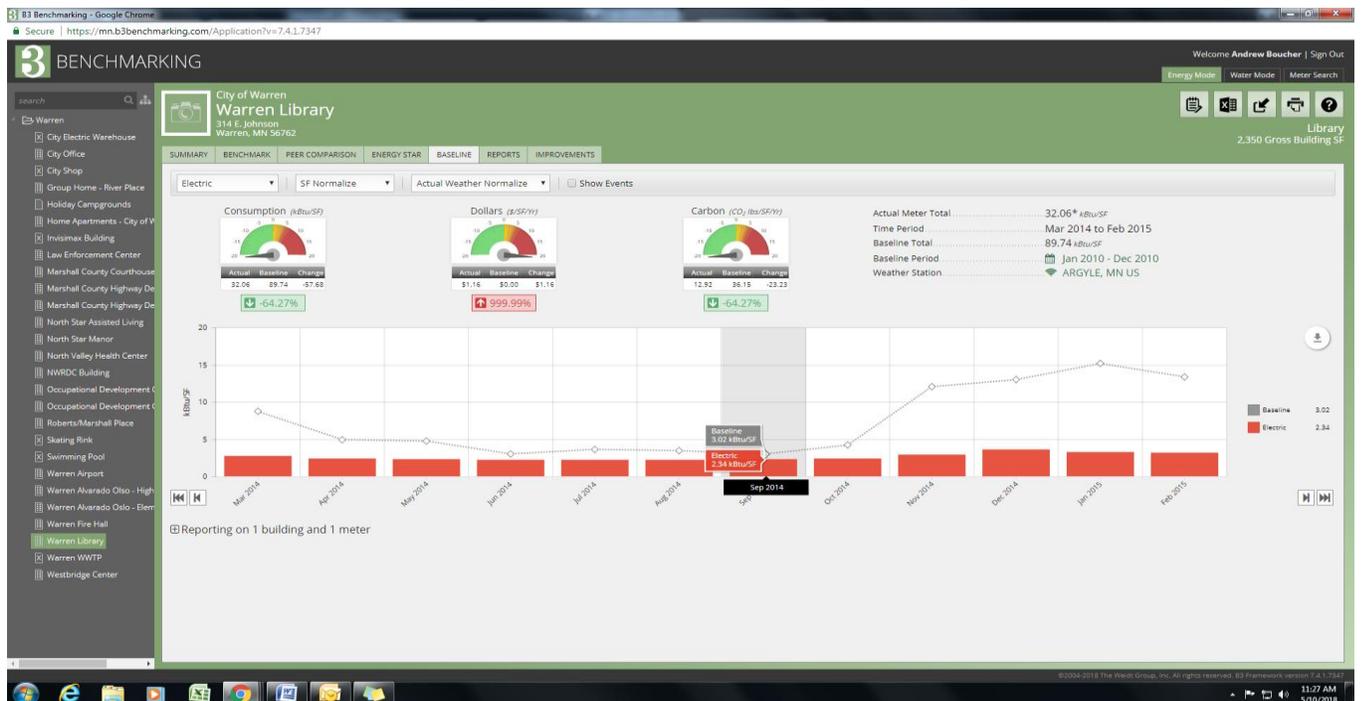
Outcome measures/metrics: City Hall can now be fine-tuned to determine the minimal cost of operating the building while keeping the comfort levels in mind; this building system also identifies service/maintenance issues and catalogs them after they've been addressed; this further gives us an opportunity to identify areas of additional savings.

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



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



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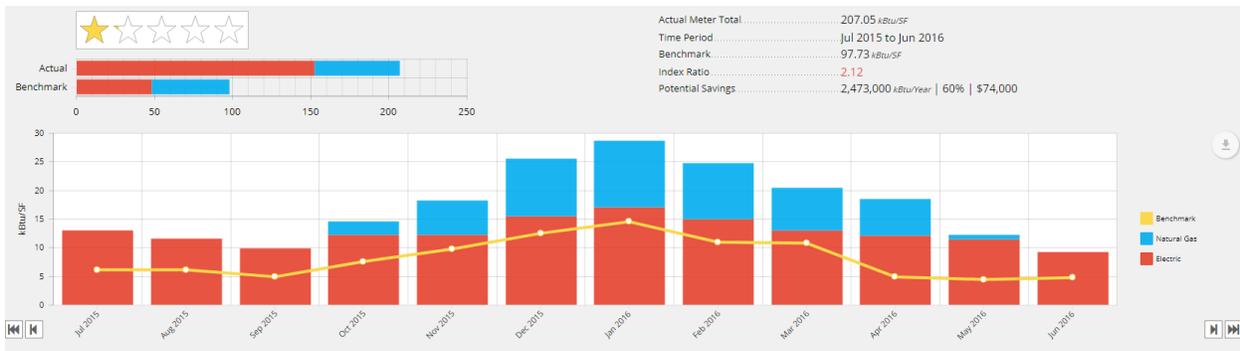
Date Action Report: 05/14/2018

Improvement details: Marshall County replaced its boiler system with a set of high-efficiency boilers that has programmable settings and integration with the courthouse's network system.

Outcome measures/metrics: Replace old system and improve operating costs of HVAC systems in the courthouse, introduce building controls to optimize settings.

City Library displayed above; below is the courthouse at the time of the upgrade and a year from that point.

Marshall County Courthouse, July 2015-June 2016 (year before the replacement):



Marshall County Courthouse, July 2016-June 2017 (year after the replacement):

