

Introduction to B3 Benchmarking

SE CERTs: Capturing Savings from Public Building Energy Efficiency

November 1, 2018

Cheri Schneider

THE WEIDT GROUP®



the energy practice of EYP Inc.



Have you ever been asked...“How do your buildings compare?”

B3 Benchmarking allows you to compare buildings from four major benchmarking perspectives:

B3 BENCHMARK



An engineering model using DOE-2 simulations and B3 energy standards to compare a building's actual use to expected use.

PEER COMPARISON

56

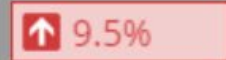
An evaluation of a building to our database of buildings with similar space usage and geographic location provides true peer comparison.

ENERGY STAR®



A simple 0-100 score produced by ENERGY STAR Portfolio Manager analyzes a building against similar buildings across the U.S.

BASELINE



A weather-normalized comparison of a building's consumption to itself over time provides monthly and annual analysis.





B3 History:

- 2001 State legislation passed
- 2004 MNBenchmarking.com established for public buildings

Today:

- B3 Benchmarking currently has more than 527 million square feet contained in over 12,000 buildings
- Benchmark 50+ building types containing 60+ space types



BUILDINGS, BENCHMARKS & BEYOND

Tools and Programs for Sustainable Buildings in Minnesota

Design of New Buildings and Renovations



Use **B3 Guidelines** on new buildings or renovations to meet sustainability goals for site, water, energy, indoor environment, materials and waste.



Use the **SB 2030 Energy Standard** to meet energy use goals only. If the B3 Guidelines are used, the SB 2030 Energy Standard is automatically included in the process.

Operation of Existing Buildings



Use **B3 Benchmarking** to track and compare energy use on existing buildings. The B3 Guidelines and SB 2030 Energy Standard direct the user to the B3 Benchmarking tool.



Use **B3 Energy Efficient Operations** to minimize energy use during building operations. This program can be applied to any existing building.



Use **B3 Post Occupancy Evaluation (POE)** to determine occupants' perceptions of the buildings' indoor environmental quality. The POE survey is required for B3 buildings.



MN.B3Benchmarking.com

1. Public Sections

- Home
- About
 - Webinars
 - Support Videos
- News
- Reports
 - Public summary of data

2. Secure Section

- Launch
 - Once signed in,
button to launch application

The screenshot displays the MN.B3Benchmarking.com website. At the top, there is a navigation menu with links for Home, About, News, Reports, and Launch, along with a Sign In button. The main banner features a photograph of the Minnesota State Capitol building with the text "Advanced Metrics for Rating Buildings" and a "Learn More" button. Below the banner, there are three columns of text: "What is B3?", "Features & Benefits", and "Testimonials". A "Welcome to B3 Benchmarking" popup window is overlaid on the bottom right, containing a "Launch B3 Benchmarking Application" button and a list of supported browsers: Internet Explorer (v. 9, 10, 11, Edge), Google Chrome (versions 25+), Firefox (versions 25+), Opera (versions 15+), and Safari (versions 6+).



Contact Us

MINNESOTA B3 BENCHMARKING

Home About News Rep

Contact Us

Please select from the following options.

General Inquiries

For general comments, questions and support.

[Talk to us](#)

Request Access

Request access to the B3 Benchmarking application.

[Request Access](#)

Email

Email us directly with your questions or comments.

[Email](#)

Phone

Call us directly at 952-939-1878.

New Construction Questions? Contact B3 Guidelines at guidelines@b3mn.org
 Need to request a new service provider user? [Click here](#)

Contact Us

[Contact Forms](#)

support@b3benchmarking.com

952-939-1878

Partners

B BUILDINGS, BENCHMARKS & BEYOND

m DEPARTMENT OF ADMINISTRATION

MINNESOTA DEPARTMENT OF COMMUNITY DEVELOPMENT

THE WEIDT GROUP

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Request Access

Please fill out the form below to request a user account to the B3 Benchmarking system. If you are not a member of the organization you are requesting access to or are requesting edit privileges, written permission from the organization's data owner will be required prior to access being granted. Required fields are indicated in red.

First Name:

Last Name:

Company:

Title:

Address:

City: State: Zip:

Office Phone:

Mobile:

E-mail:

Please provide a valid email address. A welcome email will be sent to this address as well as it being the account username.

ACCESS REQUESTED

Sector:

Organization:

If you don't see your organization listed, please call us at 952-939-1878.

Data Privileges:

If access is needed to additional organizations, please provide sector, organization and data privileges in the comments field below.

Comments:

I would like to receive quarterly newsletter emails highlighting new features and functions of the B3 Benchmarking system

[Submit](#)



Organization Summary

3 BENCHMARKING Welcome Cheri Test | Sign Out

Richfield Public Schools

For help, click ? anywhere within application

Summary of the organization is detailed below. Data integrity is reported on using a variety of factors - complete, correct, contiguous and current. The better the entered data, the more accurate the results.

	Sites	SF	Bldgs	Meters
Complete	6	1,097,178	6	20
Incomplete	0	0	0	0
Total	6	1,097,178	6	20

% Complete: 100% 100% 100% 100%

Freshness
Meter data current to **7/31/2016**
487 days old

Sites (6 of 6 sites are complete)

Site Name	Status	Building Type	Square F...	Bldgs	Meters	First Reading	Current To	Days O...	Cont...
Centennial Elementary School	✓	Elementary School	78,700	1	3	3/1/2003	9/9/2016	339	161
RDLS	✓	Elementary School	64,872	1	3	3/1/2003	9/9/2016	339	161
Richfield High School	⚠	High School	443,288	1	4	3/1/2003	9/8/2016	344	142
Richfield Middle School	⚠	Middle School	238,152	1	4	3/1/2003	7/31/2016	351	105
RSTEM	⚠	Middle School	200,817	1	3	3/1/2003	9/9/2016	339	160
Sheridan Elementary School	✓	Elementary School	71,349	1	3	3/1/2003	9/8/2016	340	160

Annotations:
 - Hierarchical tree: Organization, Site, Building (& Site)
 - Click column headers to re-sort
 - Indicates how up-to-date meter data is



Organization Benchmark

3 BENCHMARKING Welcome Cheri Test | Sign Out

Energy Mode | Water Mode | Meter Search

Richfield Public Schools

SUMMARY | BENCHMARK | PEER COMPARISON | ENERGY STAR | BASELINE | VISUALIZATIONS | REPORTS | IMPROVEMENTS

The B3 Benchmark is an engineering model that predicts how much energy a site would use if it were built to current energy code. The B3 Rating is a measurement of a site's actual consumption to its predicted benchmark.

(All Energy Sources) | SF Normalize

Actual Meter Total 66.77 kBtu/SF
 Benchmark 84.34 kBtu/SF
 Index Ratio 0.79
 Potential Savings 11,031,000 kBtu/Year | 15% | \$54,000

Sites (6 of 6 sites are benchmark-complete)

Site Name	Status	Building Type	Square F...	Actual	Benchmark	Index Ratio	Potential Savings (...)	Potential Savings \$	Benchmark Rating
Richfield Middle School	⚠	Middle School	238,152	87.99	77.31	1.14	6,726,000	\$34,000	★ ★ ★ ☆ ☆
Sheridan Elementary School	✓	Elementary School	71,349	58.46	81.59	0.72	0	\$0	★ ★ ★ ★ ☆
RSTEM	⚠	Middle School	200,817	55.62	77.97	0.71	1,085,000	\$5,000	★ ★ ★ ★ ☆
Richfield High School	⚠	High School	443,288	65.57	92.35	0.71	3,220,000	\$15,000	★ ★ ★ ★ ☆
RDLS	✓	Elementary School	64,872	57.85	82.10	0.70	0	\$0	★ ★ ★ ★ ☆
Centennial Elementary School	✓	Elementary School	78,700	52.64	81.03	0.65	0	\$0	★ ★ ★ ★ ☆

Status informs you with warning and error triangles if you have missing or incorrect information

Organization's sites stack ranked with worst performers on top



Organization Improvements

3
BENCHMARKING

Welcome Cheri Test | Sign Out

Richfield Public Schools

Energy Mode
Water Mode
Meter Search

(All Organizations)

- City
 - Woodbury
 - Afton Fire Station
 - Bielenberg Sports Center
 - Central Park
 - City Hall
 - Eagle Valley Club House
 - Fox Run Fire Station
 - Public Safety
 - Public Works 2300
 - Public Works 2301
 - Thames Fire Station
 - Public Schools
 - Richfield
 - Centennial Elementary S
 - RDLS
 - Richfield High School
 - Richfield Middle School
 - RSTEM
 - Sheridan Elementary Sch

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Improvements to this organization could save up to \$54,000 per year.

Improvement Plan

Pareto Principle
aka 80/20 Rule

91% of the potential savings (\$49,000) comes from 2 sites, indicated with

Create an Improvement Plan

...to focus on the sites that provide the most potential.

Site Name	Status	Building Type	Square Foo...	Pot. Saving...	Pot. Saving...	Links
<input checked="" type="checkbox"/> Richfield Middle School	⚠	Middle School	238,152	6,726,000	\$34,000	🔗
<input checked="" type="checkbox"/> Richfield High School	⚠	High School	443,288	3,220,000	\$15,000	🔗
<input type="checkbox"/> RSTEM	⚠	Middle School	200,817	1,085,000	\$5,000	🔗
<input type="checkbox"/> Centennial Elementary School	✓	Elementary School	78,700	0	\$0	🔗
<input type="checkbox"/> RDLS	✓	Elementary School	64,872	0	\$0	🔗
<input type="checkbox"/> Sheridan Elementary School	✓	Elementary School	71,349	0	\$0	🔗

Full article: http://theweidtgroup.com/wp-content/uploads/2017/04/B3_Benchmarking_80-20_Rule.pdf



Site Summary

BENCHMARKING

Welcome **Cheri Test** | [Sign Out](#)

Energy Mode
Water Mode
Meter Search

search

(All Organizations)

- City
 - Woodbury
 - Afton Fire Station
 - Bielenberg Sports Center
 - Central Park
 - City Hall
 - Eagle Valley Club House
 - Fox Run Fire Station
 - Public Safety
 - Public Works 2300
 - Public Works 2301
 - Thames Fire Station
 - Public Schools
 - Richfield
 - Centennial Elementary School
 - RDLS
 - Richfield High School
 - Richfield Middle School
 - RSTEM
 - Sheridan Elementary School

Richfield Public Schools

Richfield High School

7001 S. Harriet Ave.
Richfield, MN 55423

High School

443,288 Gross Building SF

SUMMARY

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B3 Benchmark

★★★★☆

This site is using significantly less energy than the B3 Benchmark.

B3 Peer Rating

44

This site is ranked in the 44th percentile amongst 55 similar sites.

ENERGY STAR® Score

☆ 58

This site has received an ENERGY STAR score of 58.

Baseline

↑ 0.6%

This site is operating above the baseline period.

Buildings (This site contains one building)

Richfield High School

7001 S. Harriet Ave. Richfield, MN 55423

High School

Occupied 1955

443,288 *Gross Building SF*

⚠ Warning. Meter has gaps/overlaps in meter readings.

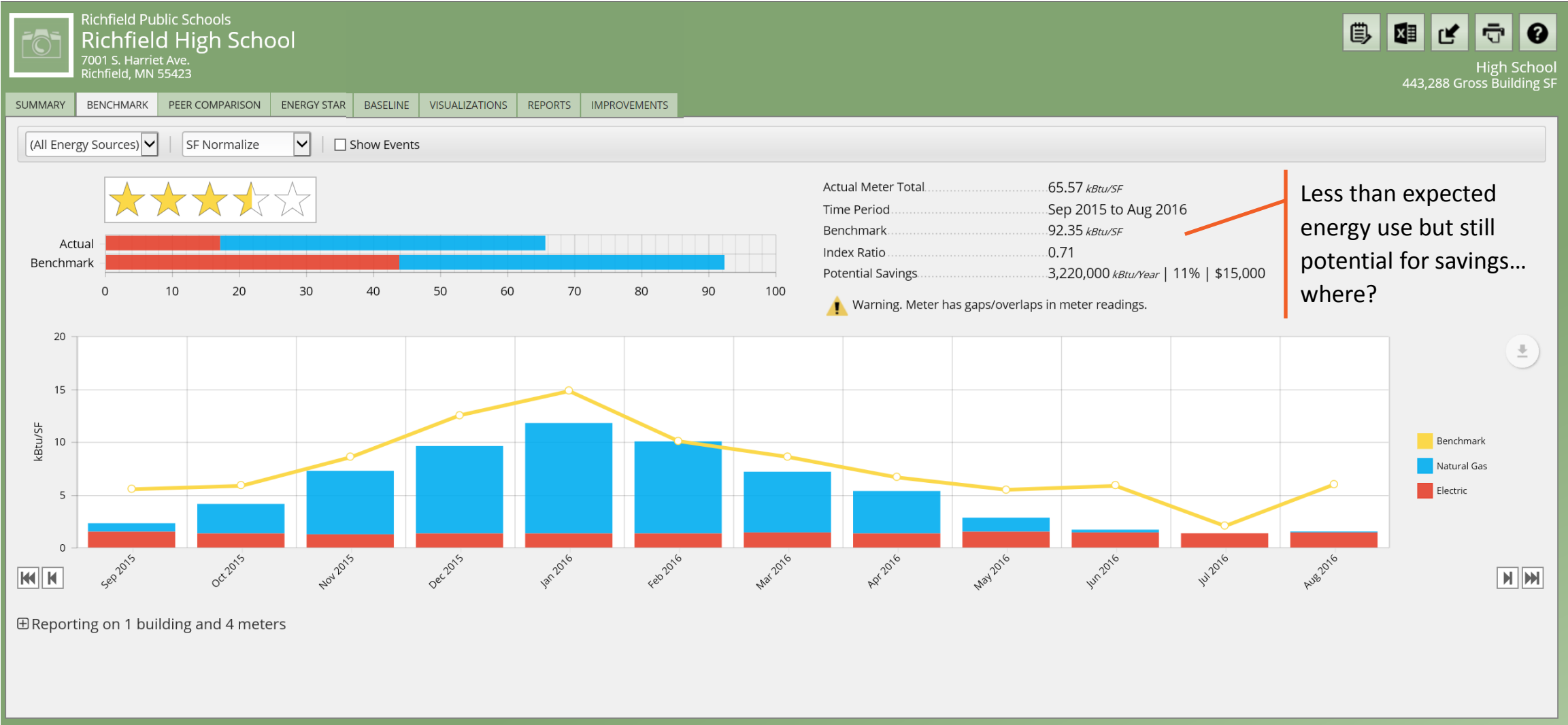
Meters (4 meters) 📅 Current To 9/8/2016 [+ Add a Meter](#)

Meter Name ↑	Status	Type	Utility	Meter #	Acct #	First Reading	Last Reading	Conn	
Auxillary	⚠	Natural Gas...	CenterPoint...	G536-003-05...	G-19941021...	3/10/2003	9/8/2016	1	↓
G536-011-813-700	✓	Natural Gas...	CenterPoint...	G536-011-81...	G-20001234...	3/1/2003	9/30/2016	1	↓
Richfield Senior High	✓	Natural Gas...	CenterPoint...	G5714268-9	G-5714268-9	10/24/2004	9/8/2016	1	↓
Richfield Senior High E...	⚠	Electric Meter	Xcel Energy	E-17083448	E - 17083448	3/12/2003	10/12/2016	1	↓

+ Add a Site/Building



Site Benchmark





Site Benchmark

Richfield Public Schools
Richfield High School
 7001 S. Harriet Ave.
 Richfield, MN 55423

High School
 443,288 Gross Building SF

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Natural Gas | SF Normalize | Show Events

Actual Meter Total 48.45 kBtu/SF
 Time Period Sep 2015 to Aug 2016
 Benchmark 48.45 kBtu/SF
 Index Ratio 1.00
 Potential Savings 3,220,000 kBtu/Year | 15% | \$15,000

Warning. Meter has gaps/overlaps in meter readings.

Using exactly what is expected but easy to achieve better with current technologies

★ ★ ★ ☆ ☆

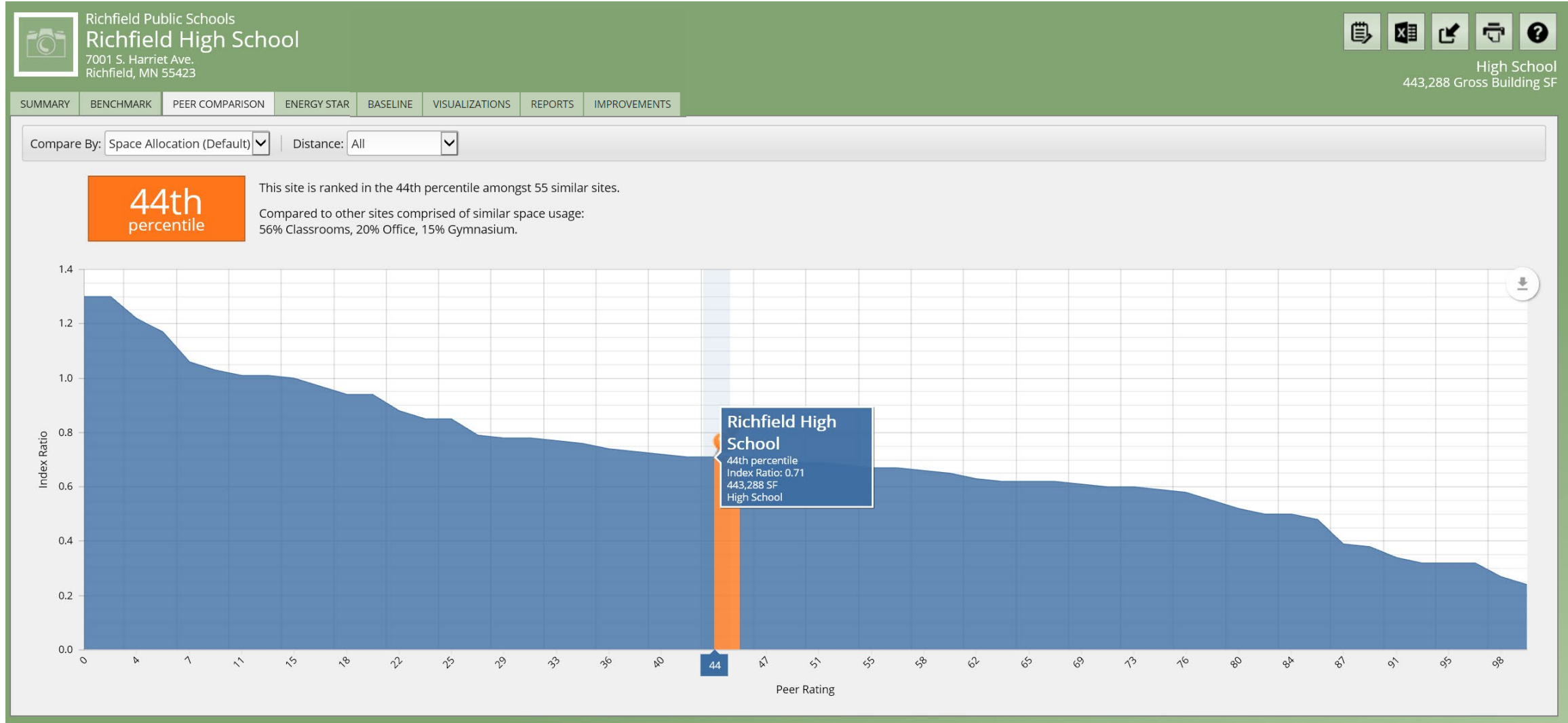
Drill in by fuel source

Month	Natural Gas (kBtu/SF)	Benchmark (kBtu/SF)
Sep 2015	~0.5	~1.5
Oct 2015	~2.8	~2.5
Nov 2015	~6.0	~5.5
Dec 2015	~8.5	~9.0
Jan 2016	~10.5	~11.0
Feb 2016	~8.8	~7.0
Mar 2016	~5.8	~5.0
Apr 2016	~4.0	~3.5
May 2016	~1.5	~1.5
Jun 2016	~0.5	~1.0
Jul 2016	~0.2	~0.5
Aug 2016	~0.5	~1.0


Reporting on 1 building and 3 meters




Site Peer Comparison







Richfield Public Schools
Richfield High School
 7001 S. Harriet Ave.
 Richfield, MN 55423



High School
 443,288 Gross Building SF

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B3 ENERGY STAR Score

B3 Benchmarking creates an ENERGY STAR® Portfolio Manager property for each B3 site and automatically transfers building and meter information after every edit for the purpose of gathering an ENERGY STAR score. [Read about eligibility requirements.](#)


This site has received an ENERGY STAR score of 58.

ENERGY STAR Property Attributes

Already Have An Account With ENERGY STAR?

If you already have an ENERGY STAR Portfolio Manager account with building and meter data you can connect to it and

ENERGY STAR Connection Wizard



Site Editor

GENERAL
ATTRIBUTES
ENERGY STAR
EVENTS
NOTES

ENERGY STAR® includes a variety of additional property attributes to help refine a better score.

Richfield High School

K-12 School	443,288 SF	
Gymnasium Floor Area:	From B3	<input checked="" type="checkbox"/> Use Default Value
Number of Workers on Main Shift:	1 per 1300 SF	<input checked="" type="checkbox"/> Use Default Value
Student Seating Capacity:	1 per 100 SF	<input checked="" type="checkbox"/> Use Default Value
Months in Use:	9	<input checked="" type="checkbox"/> Use Default Value
Weekend Operation:	No	<input checked="" type="checkbox"/> Use Default Value
Number of Computers:	1.75 per 1,000 SF	<input checked="" type="checkbox"/> Use Default Value
Cooking Facilities:	Yes	<input checked="" type="checkbox"/> Use Default Value
Number of Walk-in Refrigeration/Freezer Units:	0.01 units per 1,000 sf	<input checked="" type="checkbox"/> Use Default Value
Percent That Can Be Heated:	100%	<input checked="" type="checkbox"/> Use Default Value
Percent That Can Be Cooled:	100%	<input checked="" type="checkbox"/> Use Default Value

Save & Close

Cancel



Site Baseline



Richfield Public Schools
Richfield High School
7001 S. Harriet Ave.
Richfield, MN 55423



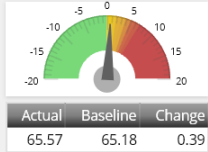
High School
443,288 Gross Building SF

SUMMARY BENCHMARK PEER COMPARISON ENERGY STAR BASELINE VISUALIZATIONS REPORTS IMPROVEMENTS

Normalization options:
- SF or Person
- Weather – Baseline or Actual

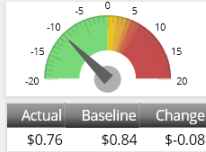
(All Energy Sources) SF Normalize Baseline Weather Normalize Show Events

Consumption (kBtu/SF)



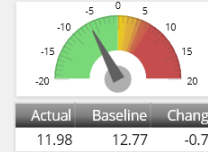
↑ 0.6%

Dollars (\$/SF/Yr)



↓ -10.08%

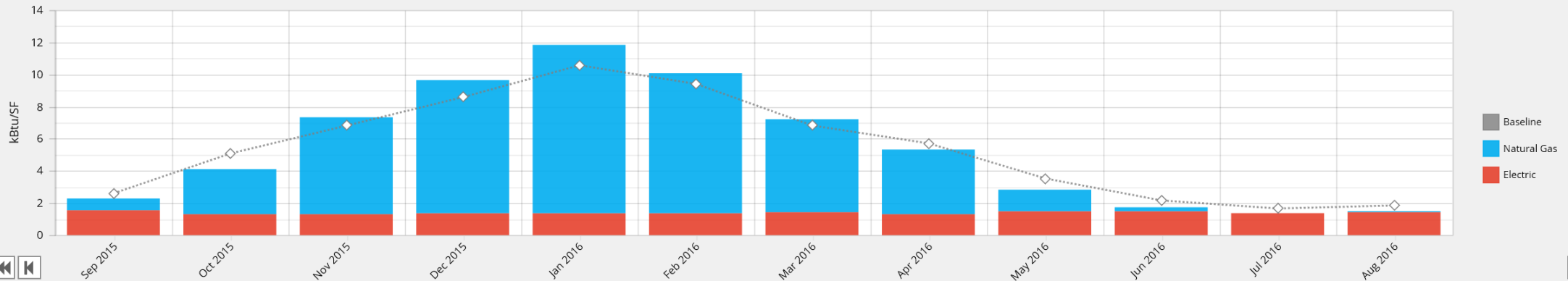
Carbon (CO₂ Pounds/SF/Yr)



↓ -6.21%

Actual Meter Total 65.57 kBtu/SF
 Time Period Sep 2015 to Aug 2016
 Baseline Total 65.18* kBtu/SF
 Baseline Period Jan 2007 - Dec 2007
 Weather Station MINNEAPOLIS-ST PAUL INTERNATIONAL AP

Warning: Meter has gaps/overlaps in meter readings.



Reporting on 1 building and 4 meters



Site Visualizations

Richfield Public Schools
Richfield High School
 7001 S. Harriet Ave.
 Richfield, MN 55423



High School
 443,288 Gross Building SF

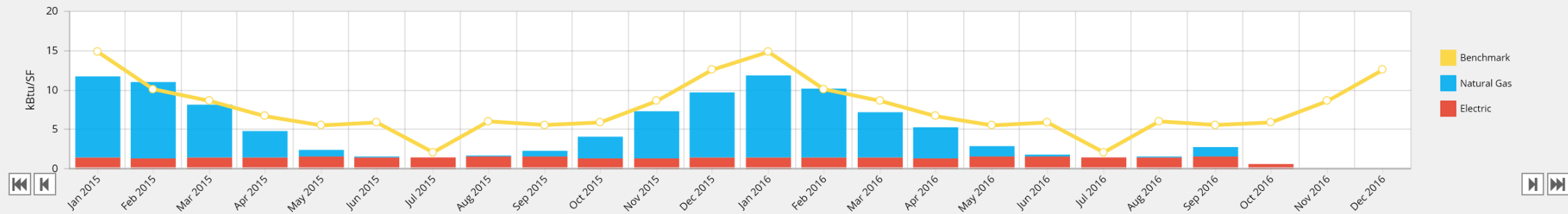
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Report: Benchmark Report Hide Report Options

Chart Type	Meters & Units	Duration	Options	Comparison
<input checked="" type="radio"/> Monthly Continuous <input type="radio"/> Monthly Yr Over Yr <input type="radio"/> Annual <input type="radio"/> Rolling 12 Mo Avg	(All Energy Sources) Units: kBtu	Jan 2015 -- TO -- Dec 2016	SF Normalize <input type="checkbox"/> Show Events <input type="checkbox"/> Show Completeness <input type="checkbox"/> Plot Air Temperature	<input type="radio"/> None <input checked="" type="radio"/> Benchmark <input type="radio"/> Baseline <input type="radio"/> Target <input type="radio"/> Event

Benchmark Report

SF Normalized



Consumption Summary By Year

Period	Days	Complete	SF	Actual kBTu/SF	Benchmark kBTu/SF	Change From Benchmark kBTu/SF	% Change	Ratio	Total Cost \$/SF	Cost Rate \$/kBTu
Jan 2015-Dec 2015	365	100%	443,288	66.16	92.35	-26.19	-28.36%	0.72	\$0.77	\$0.012
Jan 2016-Dec 2016	366	74%	443,288	45.40	71.20	-25.81	-36.24%	0.64	\$0.58	\$0.013

Reporting on 1 building and 4 meters



Richfield Public Schools
Richfield High School
7001 S. Harriet Ave.
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High School
443,288 Gross Building SF

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Report Template: Improvement Report (Benchmark) ▼

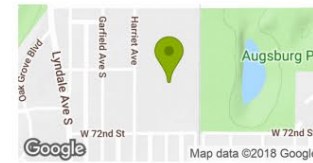
Richfield High School

B3 Benchmark



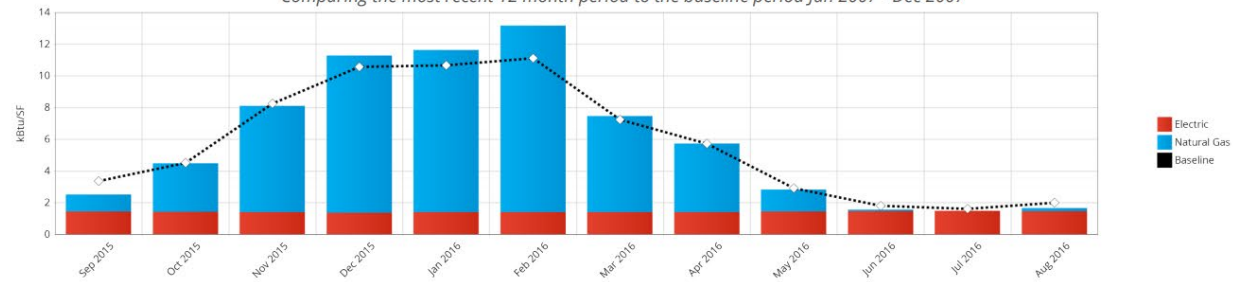
This site is using significantly less energy than the B3 Benchmark.

The current B3 Benchmark for this 443,288 sf High School is 3.5 stars. The B3 Benchmark shows potential savings relative to the current energy code, with 2.5 stars equivalent to code performance. This report provides additional information on this site performance, savings potential and links to help realize the savings.



How is this site performing over time?

Comparing the most recent 12 month period to the baseline period Jan 2007 - Dec 2007



Improvement Programs

This site has a potential savings of \$15,000 per year. Your utilities may be able to assist you in realizing these savings.

- CenterPoint Energy (Energy Program)



Site Improvements

Richfield Public Schools
Richfield High School
 7001 S. Harriet Ave.
 Richfield, MN 55423

High School
443,288 Gross Building SF

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Targets

Create goals for a site and monitor performance in the Reports tab.

Name ↑	Scope	Fuel Sources
(Empty table body)		

[+ Create a Target](#)

Archived Energy Documents

Keep track of energy related documents (energy audits, recommissioning studies, master plans, feasibility studies, etc.)

(None available)

[+ Upload a Document](#)

B3 Snapshot Reports (3 reports)

Just like a bank statement, these reports provide a snapshot of performance.

Report
Seasonal Improvement Report for Summer 2016
Seasonal Improvement Report for Winter 2016
Seasonal Improvement Report for Spring 2014

Improvement Programs (14 programs)

Participate in an energy improvement program for greater motivation and support in realizing energy performance goals.

DSIRE
 Database of State Incentives for Renewables and Efficiency provides a comprehensive list of grants, loans, and incentives from state and federal levels as well as through specific utilities.

CERTs 2016 Seed Grants
 The Minnesota Clean Energy Resource Teams (CERTs) seeks applications for limited financial assistance for energy efficiency and/or renewable energy projects requiring technical assistance. Proposals must be submitted by Monday, October 26, 2015.



Building Data

Building Editor

Richfield High School
7001 S. Harriet Ave.
Richfield, MN 55423

Building version 1.0
443,288 Gross SF

Location | Space Usage | Advanced | Versions | Other

Space usage information is used by the engineering model to predict the energy usage of this building and calculate the benchmark ratio. You can add and modify space usage types to describe your building and how it is being used.

Primary Building Type: High School

Gross Building SF: 443,288 SF

Space Asset Types

Space Asset Type	% Usage	Sq Ft	Hrs/Day	Days/Wk	Months/Yr	Conditioning	Heating Source	Cooling Source
Classrooms	31.36	139,015	14	6	11	Heated And Cooled	Natural Gas	Electric
Classrooms	24.64	109,226	14	6	11	Heated Only	Natural Gas	
Office	20.00	88,658	14	6	11	Heated And Cooled	Natural Gas	Electric
Gymnasium	15.00	66,493	14	6	11	Heated And Cooled	Natural Gas	Electric
Dining	6.00	26,597	14	6	11	Heated And Cooled	Natural Gas	Electric
Educational Laboratory	3.00	13,299	14	6	11	Heated And Cooled	Natural Gas	Electric
Total:	100.00%	443,288						

Add a Space Asset Type: Add

Parking
If this building has an open-air lit parking lot, specify the SF below.
 Open-air Parking Lot

Occupants
B3 allows consumption data to be normalized by person. Specify the typical number of people that occupy this building during the operational hours.
People:

Unlocked

Save & Close | Cancel

Space Usage tab holds the key building data

Location | Space Usage | Advanced | Versions | Other

Building Name
Richfield High School

Location
Specify the physical building location (not a PO box). B3 will use your location to determine the nearest weather station.
Address: 7001 S. Harriet Ave.
City: Richfield State: MN Zip: 55423

Original Occupancy
01/01/1955

Comments

Advanced Benchmarking lets you specify additional details for your building and space usages. This results in a more accurate benchmark for your building.

Enable Advanced Benchmarking

Classrooms 139,015 SF (31.36%)

Space Characteristics | Loads | Mechanical

Number of Floors: 1
Plug Loads (watts/SF): 0.88
People (SF per person): 40
Unoccupied

Mechanical: Ventilation (CFM/SF): 0.37
Heating System: Same as Primary
Humid/Dehumid: None

Classrooms 109,226 SF (24.64%)

Office 88,658 SF (20.00%)

Classrooms 66,493 SF (15.00%)

Classrooms 26,597 SF (6.00%)

Classrooms 13,299 SF (3.00%)

Building Versioning
If your building undergoes any sort of modification that may affect its performance (i.e. an addition, major renovation that changed space types, or substantial increase/decrease in hours of operation), you should create a new version of the building. Creating a new version allows the application to keep the historical data on how the building was operated and its related consumption. Click the 'Create a new building version' link to create a new version. You will be able to specify a version description and an effective date.

Version #	Version Name	Effective Date	Square Footage	Active?	Delete?
1	First Version	01/01/1955	348,478	Activate	
2	Addition	08/01/2010	443,288	Yes	Delete

+ Create a new building version

Mark this building as demolished/decommissioned

Mark this building as sold

Dive deeper into the details on Advanced tab

General information on the Location tab


Version the building as operations/size changes



Meter Data

Meter Editor

GENERAL CONNECTIONS SUBMETER OPTIONS ADMIN

 Meter Name: Richfield Senior High Electric Account Number: E - 17083448
 Utility Company: Xcel Energy Meter Number: E-17083448
 eGRID Region: MROW Premise Number:
 Comments: Comments about this meter. You may enter historical meter numbers, account numbers or premise numbers. Historical entries are searchable in the Meter Search tool. Date Connected:
 Date Disconnected:

Meter Readings (Utility Bills) Units: kWh

Start Date	End Date	Consumption (kWh)	Peak Demand (kW)	Demand Charge	Total \$	\$ Per Unit	Consumption
6/14/2015	7/14/2015	168,216.00	272.00	\$0.00	\$18,314.72	\$0.109	
7/14/2015	8/12/2015	170,394.00	278.00	\$0.00	\$18,038.18	\$0.106	
8/12/2015	9/13/2015	211,990.00	446.00	\$0.00	\$23,846.12	\$0.112	
9/13/2015	10/12/2015	198,580.00	458.00	\$0.00	\$21,457.46	\$0.108	
10/12/2015	11/10/2015	146,791.00	446.00	\$0.00	\$17,127.72	\$0.117	
11/10/2015	12/13/2015	196,999.00	467.00	\$0.00	\$18,827.68	\$0.096	
12/13/2015	1/14/2016	184,149.00	433.00	\$0.00	\$14,364.56	\$0.078	
1/14/2016	2/15/2016	196,479.00	439.00	\$0.00	\$20,346.04	\$0.104	
2/15/2016	3/15/2016	181,126.00	430.00	\$0.00	\$18,769.22	\$0.104	
3/15/2016	4/13/2016	170,665.00	444.00	\$0.00	\$18,096.34	\$0.106	
4/13/2016	5/12/2016	171,884.00	446.00	\$0.00	\$19,838.36	\$0.115	
5/12/2016	6/13/2016	217,341.00	422.00	\$0.00	\$23,132.79	\$0.106	
6/13/2016	7/13/2016	188,348.00	288.00	\$0.00	\$19,736.81	\$0.105	
7/13/2016	8/11/2016	158,216.00	258.00	\$0.00	\$18,630.10	\$0.118	
8/11/2016	9/12/2016	204,627.00	448.00	\$0.00	\$24,579.62	\$0.120	
9/12/2016	10/12/2016	197,585.00	440.00	\$0.00	\$23,067.49	\$0.117	

+ Add a New Reading Save & Close Cancel

1. Manually enter readings via Meter Editor

Meter Reading Import Wizard

The Meter Reading Import Wizard lets you enter consumption data in a Microsoft Excel® spreadsheet and upload it to the B3 Benchmarking application.

Start by generating a spreadsheet template which has been prepopulated with your existing readings. Every meter in your selection will be available in its own worksheet within the template. Enter new consumption data, and then, when you are ready, import the completed spreadsheet.

Note: You will only be able to import data for which you have add/edit rights.

What would you like to do?

Generate a spreadsheet template
Template will be in Microsoft Excel xlsx format.

Import a completed spreadsheet
Import a completed B3 meter reading template or supported custom import format.

Click 'Next' to continue.

Cancel << Prev Next >> Finish

2. Utilize Import Wizard to import readings – potentially copying/pasting from another source


3. Connect to ESPM for ongoing synchronization of consumption data from existing ESPM properties

B3 Benchmarking ENERGY STAR® Connection Wizard

Step 1: Contact Connection

Before ENERGY STAR data can be imported into B3, a contact connection must be made to the B3 Benchmarking account. This connection only needs to be made once for all properties.

a. Click the Contacts link in the upper right corner to visit 'My Contacts'



b. Click the 'Add Contact' button.

c. Search for username 'B3Benchmarking' and click the 'Connect' button

Contact connection to the B3 Benchmarking account is complete. Click 'Next' to continue.

Cancel << Prev Next >> Finish

Thank You

THE WEIDT GROUP®



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