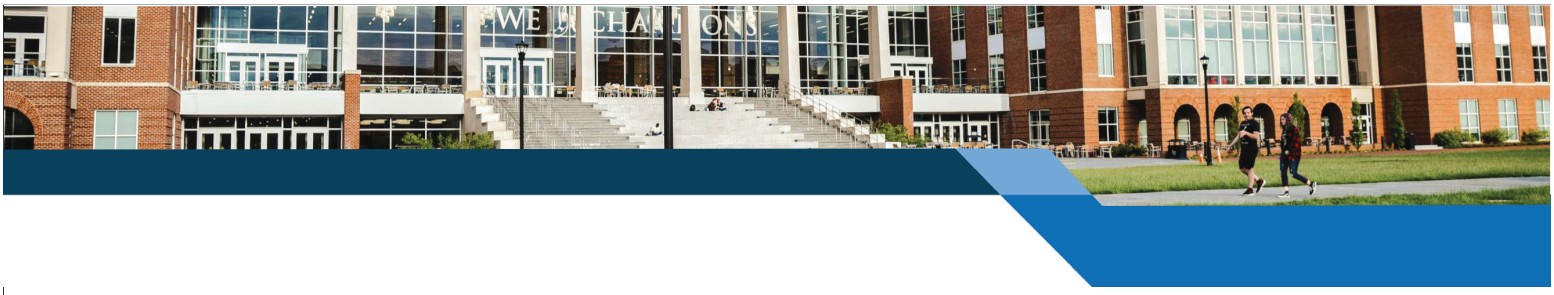

Using Utility Savings to Support District Staff

Webinar – May 13, 2026

nbi new buildings institute

SAN DIEGO LEARN

This webinar was developed in partnership with the LEARN Program.

The LEARN Program is a San Diego-based workforce education and training program that has partnered with New Buildings Institute to offer free energy efficiency and electrification webinars. Please visit the LEARN website for more information: www.sandiegolearn.com

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Energy Trust New Buildings Program

- **Incentives & support**
  - Commercial new construction and major renovation projects from early design through post-construction
- **Trainings & events**
  - In-person events, live webinars and on-demand trainings
- **Net Zero grants**
  - **Net Zero Fellowship** – Research that advances net-zero design and technologies and addresses barriers
  - **Net Zero Emerging Leaders Internship (NZELI)** – Internship funding for architecture and engineering firms to support their carbon commitments

For more information:
Kriya Kaping
Senior market engagement manager
kriya.kaping@clearesult.com

energytrust.org/commercial/newbuildings/education/training-and-events/

Using Utility Savings to Support District Staff

In today's webinar we'll discuss how:

- Districts can quantify utility savings from efficiency upgrades and reinvest those savings to justify and sustain dedicated staff positions
- To identify opportunities for quick efficiency savings
- To calculate and communicate avoided costs
- To align staffing needs with district financial priorities
- To leverage incentives and performance contracting

Today's Panelists

Alison Ward

Boise School District

Deb LaSalle

Straven Strategy Group

Aaron Presberg

Stillwater Energy

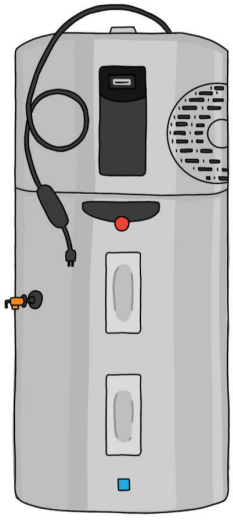
Quick Overview

Why Schools?

- Schools are among the largest publicly owned building stock in the U.S.
- Students spend 6+ hours/day in these buildings (over 1000 hours per year!)
- Health and comfort directly impact learning outcomes
- Districts have a LOT of competing priorities
- Buildings constructed 40-60 years ago not designed for today's climate or performance standards

Utility Savings Are More Than Cost Avoidance

- School districts can unlock immediate utility savings through no/low-cost operational and physical improvements
- Quick wins (like LEDs) can create **measurable avoided costs** that can be reinvested
- Savings can **help build the business case** for dedicated staffing, better systems, and long-term planning
- Energy efficiency is not just a facilities strategy but a **financial resilience strategy**



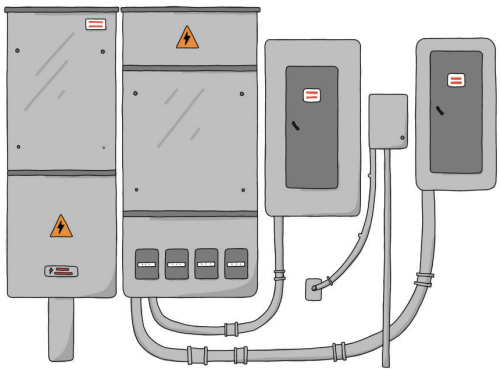
Building Upgrade Scenarios

Event in Building Lifecycle	Outcomes
Emergency Replacement	High upfront costs, invasive installation/students impacted, struggles to obtain equipment or parts, etc.
Planned/Routine Capital Improvement & Deferred Maintenance OR Modernization / New Construction	Upfront costs planned for and expected, non-invasive installation, requires lead time and planning. High student outcomes, life cycle cost savings.
Efficiency & Cost Savings Project (Deep Efficiency Retrofit)	Preplanning required, lifecycle cost savings on utility bills and maintenance, high student outcomes

Be proactive to avoid this one!

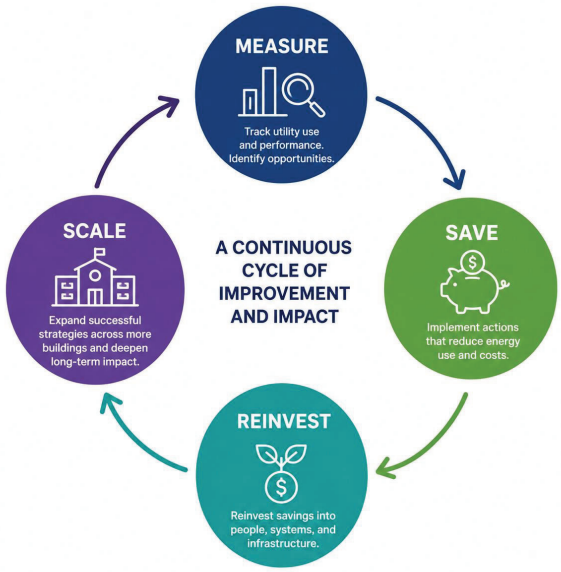
Start with Low Hanging Fruit

- Get energy audits (likely for free!)
- Benchmark energy use and document building systems
- Address low/no-cost options first:
  - Optimize schedules, controls, and setpoints
  - Air sealing, weather stripping, draft stoppers
  - Window films and covered clearstories
  - Lighting / LEDs for quick cost savings
  - Occupant engagement
- Capture available utility incentives and program support
- Track and communicate avoided costs and energy savings in terms appropriate for your stakeholders



Thinking Beyond Savings for Long Term Capacity

- Reinvest savings into dedicated staff/staff capacity and training
- Establish consistent utility tracking and performance accountability
  - Also helps track if issues are at the building level or driven by the utility
- Align efficiency work with capital planning and modernization efforts
- Build internal champions who can sustain progress district-wide



Upgrades to school facilities can:

- ✓ Improve air quality
- ✓ Improve comfort and health conditions
- ✓ Support better student learning
- ✓ Provide significant reductions in school energy bills
- ✓ **Help to stabilize utility costs for annual budgeting and funding staff positions**
- ✓ Opportunities for safety and security

Questions?

Thank you for your interest and joining us today!

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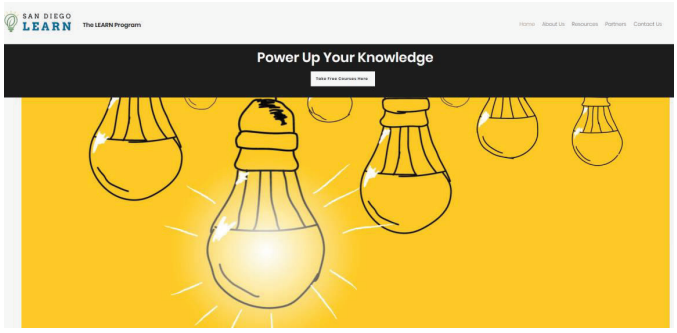
www.newbuildings.org

Share your feedback in this short survey

Power up your electrification knowledge with the San Diego LEARN program: www.sandiegolearn.com



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Other LEARN courses of interest:

Decarbonizing School Buildings

Guidance for schools and districts considering system and equipment upgrades.

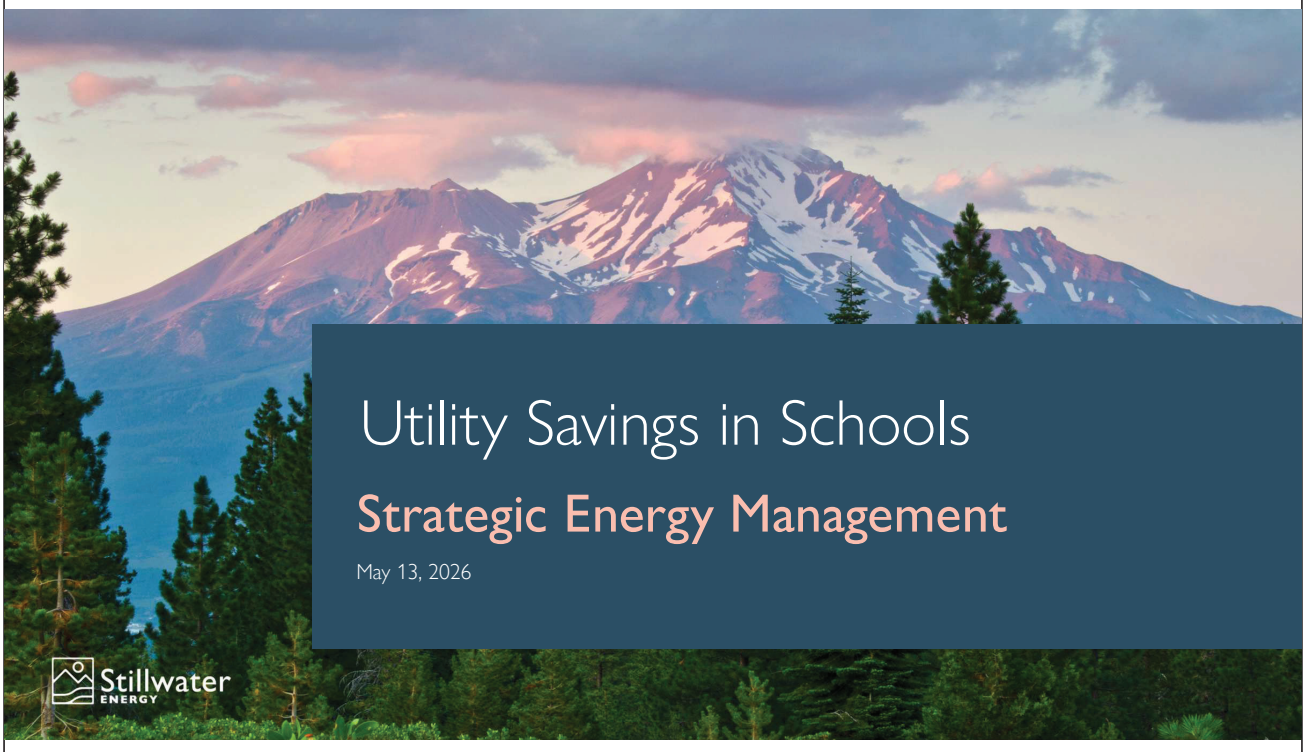
Net Zero Energy

Essentials of Zero Net energy buildings, campuses, and communities, and the “passive house.”

Microgrids for a Resilient, Renewable Future

How microgrids are playing a role in modernizing the power grid and strengthening community resilience.

SAN DIEGO LEARN



Polling Question

- **What is the state of your energy management practice:**

A. Wait, there's something to manage?!

B. It's ad hoc. We do what we can when we can.

C. We have goals. We kind of track them, but there is no plan, and we lack commitment.

D. We have goals, a plan, report to upper management and track everything.

Polling Question

- **Where do you see energy waste in your schools?**

A. Building controls

B. Lighting

C. Building envelope

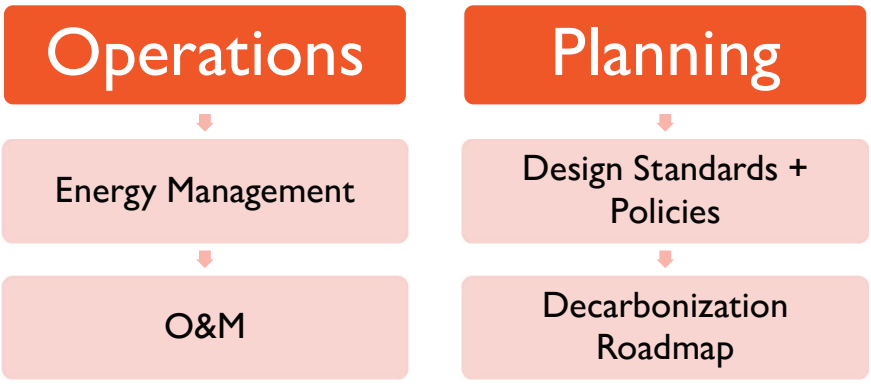
D. Students, staff, teacher behavior

Polling Question

- **Do you have a capital management plan for replacing failing equipment?**

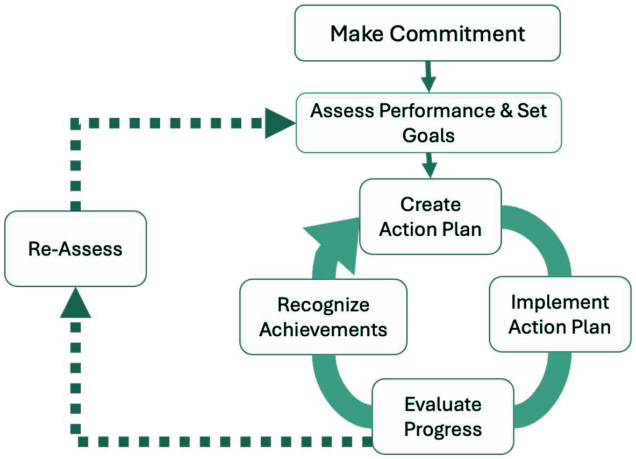
A. What's a capital management plan?
B. I'm supposed to plan for equipment replacement *before* it fails?
C. We try to budget for expected failures, but it is not a formal process
D. We have a formal process for budgeting for planned equipment replacement on at least an annual basis

My Journey:
From School District Energy Manager to Energy Coach



What is Strategic Energy Management (SEM)?

- Prioritize low/no cost O&M projects
- Framework to manage energy more closely and strategically
- Focus on changes in daily operations
- Engage staff at all levels of the organization
- Provides complimentary services to capital efforts & other energy services



Why SEM?

Zero Cost to Enroll & Save

You're already paying for this program through ratepayer $

Utility bill public purpose charge

Energy Savings & Cash Incentives

A typical school can receive ~$50,000 back in direct incentives & services, via:

- Milestone Bonuses – district level
- $X.XX per kWh reduced YOY
- Unbiased consulting & coaching

Collaboration & Partnership

Engage Staff & Students to drive down energy usage

Leverage expertise and best practices of fellow participants in the program

Hear from other Districts:

School Districts across the country are benefitting from Strategic Energy Management Programs.
Listen to what a few of our participants have to say:

> I would highly recommend participating in the SEM Program. It helps save money, engage staff, and create sustainable systems that continue to pay off.

Sustainability Coordinator

Beth Church – Douglas County

> Stillwater provided our small team with valuable industry knowledge and nationwide perspective on how other organizations were addressing energy challenges.

Director of Facilities

Travis Whitley – Colorado Springs

> The data and reports provided by Stillwater through the SEM Program have become essential tools in our ongoing energy management efforts

Energy Manager

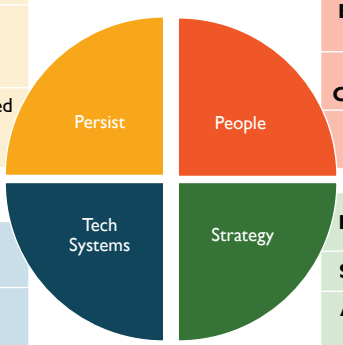
John Berdon – Colorado Springs

What's the Commitment?

- Join quarterly workshops (~2 hours) with other District M&O, Facility, and Energy Managers
- Share utility account info so we can request data, build energy models & document savings
- Walk through enrolled schools with us to identify projects: low & no cost focus
- Join monthly meetings with your SEM Coach to review topics important to you

What matters most to you?

Operational Control	O&M activities drive energy savings consistently
Documentation	Energy-related activities recorded clearly and consistently
Program Auditing	Overall program revised based on performance reviews



Management	Commits to goals and performance improvement
Energy Team & Champion	Executes action plan and meets regularly
Awareness & Communication	Understand role in energy use and are trained in savings activities
Training	Training in energy related systems and topics

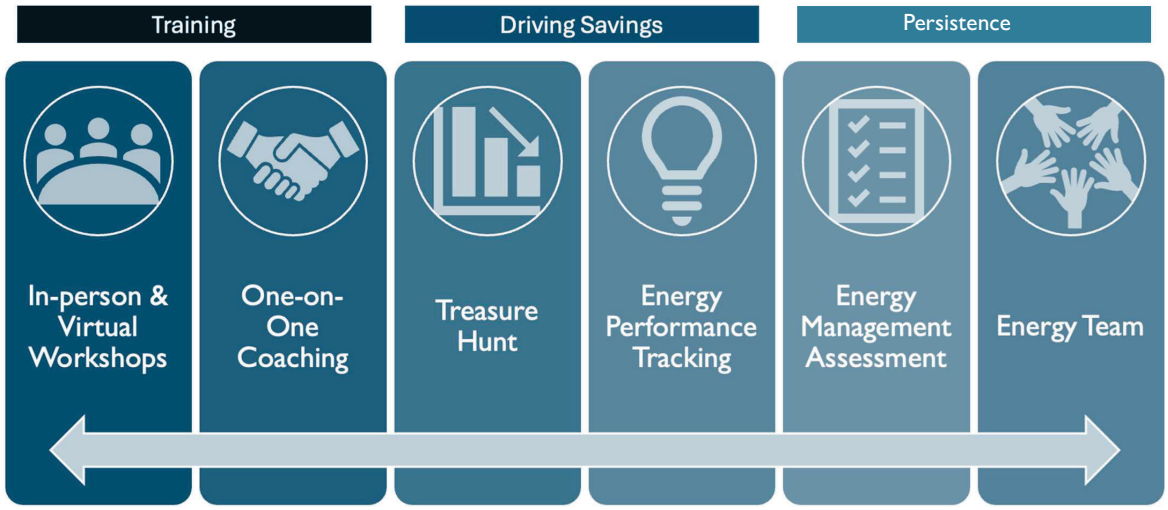
KPIs	Performance metrics tracked closely
Measurement & Analysis	Energy data widely available and analyzed for action
Energy Review	Energy-using equipment consistently reviewed for savings
SEUs	Understanding and monitoring of SEUs

Policy & Goals	Goals understood across your organization
Strategic Plan	Strategy covers next 3-5 years
Action Plan & Objectives	Deadlines and accountability for actions over next 12 months
External Requirements	External requirements are reviewed in advance of new equipment or process
Procurement & Design	Energy is included in the design of purchasing policies for equipment and supplies

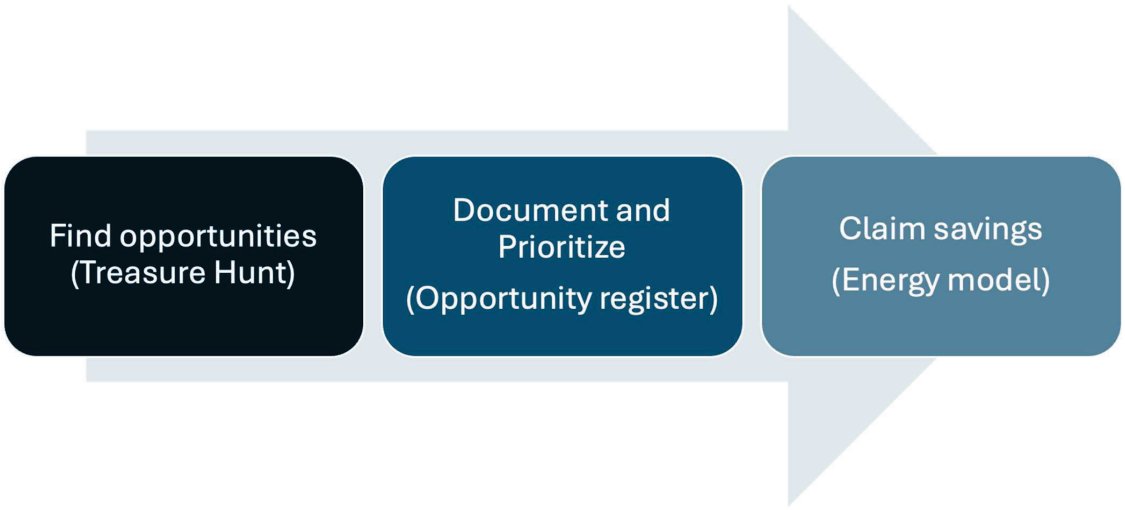
SEM Overview

- Program is FREE to participants
- Three years of ongoing energy management support
- Monitor and track energy consumption
- Incentives provided for completed no-cost/low-cost energy savings

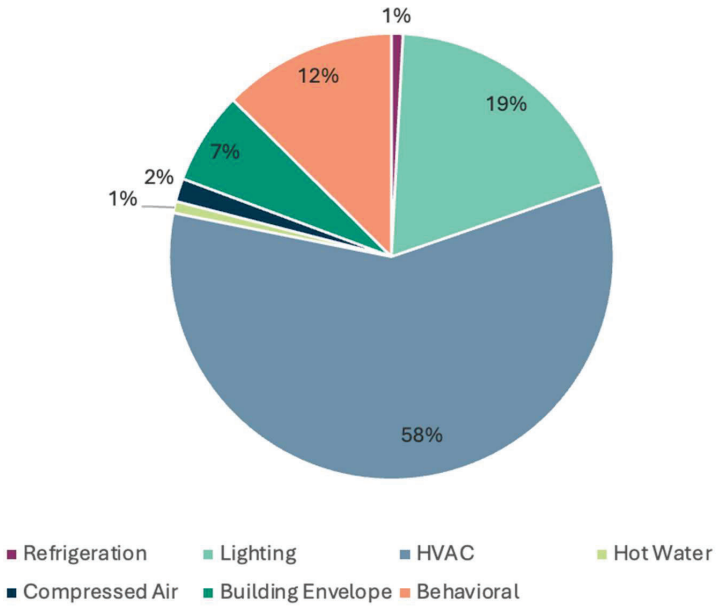
Program Elements



Drive Energy Savings



Energy End Use in Schools

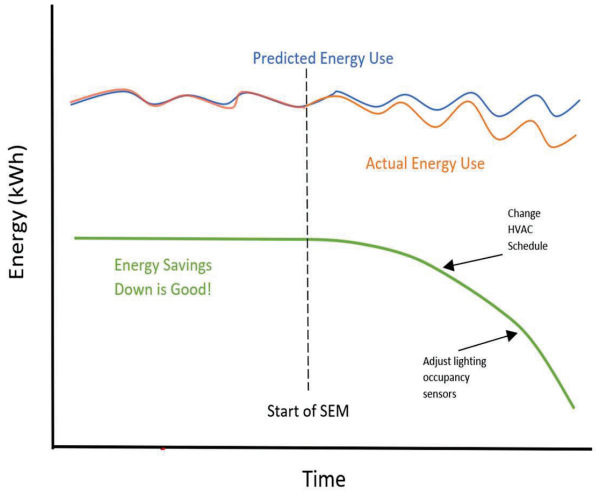


Project Prioritization

Opportunity Register

Opportunity Name/Description	Facility	Opportunity Category	Opportunity Type	Energy Type	Date Identified	Priority
Investigate if it's feasible to tighten/trim the schedules on the VRF units on the 1st floor.	All	HVAC	O&M	Electricity	7/23/2019	01 High
Work with IT to investigate Server Room efficient cooling strategy. Verify equipment temperature requirements. ASHRAE (American Society of Heating, Refrigerating and Air-conditioning Engineers) typically recommends a setpoint of 72-76°F. Consider implementing hot and cold aisle strategy.	All	HVAC	Organizational	Electricity	7/23/2019	02 Medium
Consider adding a schedule to the unit ventilators to schedule them at night during mild weather.	All	HVAC	O&M	Electricity	7/23/2019	01 High
Consider increasing hot water temperature as the temperature decreases outside. This places more load on the chiller, but is still more efficient than electric resistance heaters in the unit ventilators (UVs).	All	HVAC	O&M	Electricity	7/23/2019	01 High
Develop standard operating procedures (SOPs). Include after-hours temperature setpoints and communicate this to all staff. The building is currently maintaining occupied temperature setpoints after hours (evenings and weekends) to accommodate very low after-hours usage.	All	Other	Organizational	Electricity	7/23/2019	01 High

Measurement and Verification



Thank you!

Aaron Presberg, Senior Energy & Climate Coach
Email: apresberg@stillwaterenergy.com

Stillwater ENERGY

STRAVEN STRATEGY GROUP

Using Utility Savings to Support District Staff: Building Organizational Capacity and Momentum

STRAVEN STRATEGY GROUP

Sustainability | Energy Strategy | Facilitation

www.GoSTRAVEN.com

Deb LaSalle, J.D.

Founder & Principal Energy & Sustainability Strategist

STRAVEN STRATEGY GROUP

Integrated Sustainability Team

Energy and Emissions Analysis

Assess and visualize energy and emissions across fleets, buildings, and infrastructure to develop baselines and inform data-driven decision-making.

- Energy & emissions audits and inventory modeling
- Dashboard development
- Benchmarking, M&V

Strategic Decarbonization

Create actionable decarbonization roadmaps with measurable targets, timelines, and cost-benefit analyses to guide long-term strategies.

- Interval data analysis
- ROI, payback, & co-benefits
- Roadmap development
- Capital & utility coordination

Climate Planning & Adaptation

Identify climate vulnerabilities and integrate resilience strategies into energy and infrastructure planning to safeguard services and people.

- Vulnerability assessment
- Scenario planning
- Adaptation strategies
- Resilience co-benefits

Clients We Serve

- K–12 schools and universities
- Cities and public agencies
- Commercial and industrial organizations

Sustainability Reporting

Compliant, clear, accessible public-facing reports, presentations, and interactive visuals that support decision-making and community engagement.

- Graphic-rich reporting
- Data visualization
- Clear messaging
- Progress tracking

Stakeholder Engagement

Interactive workshops that surface cross-departmental and partnership insights, generate alignment, and build momentum.

- Staff workshops
- Facilitation & synthesis
- Priority alignment

Waste Reduction & Management

Evaluate solid waste, water, and operational materials systems to optimize resource use and identify cost-saving strategies.

- Waste audits
- Reduction strategies
- Circularity planning

Where Strategy Meets Action

STRAVEN TEAM

Deb LaSalle, JD.

Sustainability Consultant

- Energy efficiency and feasibility studies
- Sustainability strategy and implementation
- Strategic planning and stakeholder alignment

Zach Bell, BA Environmental Studies

Data Analyst

- ESA Credential I energy and sustainability analysis
- GHG accounting and benchmarking
- Data visualization and systems evaluation

John Gardner, PhD, PE

Senior Engineer

- Professor emeritus of mechanical engineering
- 60+ peer-reviewed research publications, 3 textbooks, 3 patents
- 130+ industrial energy assessments

RT Williams, PhD, CEM

Certified Energy Manager

- Building performance and energy systems engineer
- Energy modeling, forecasting, and analytics
- Utility incentive strategy and anomaly detection dashboards

Where Strategy Meets Action

School Resilience Framework

Where Strategy Meets Action

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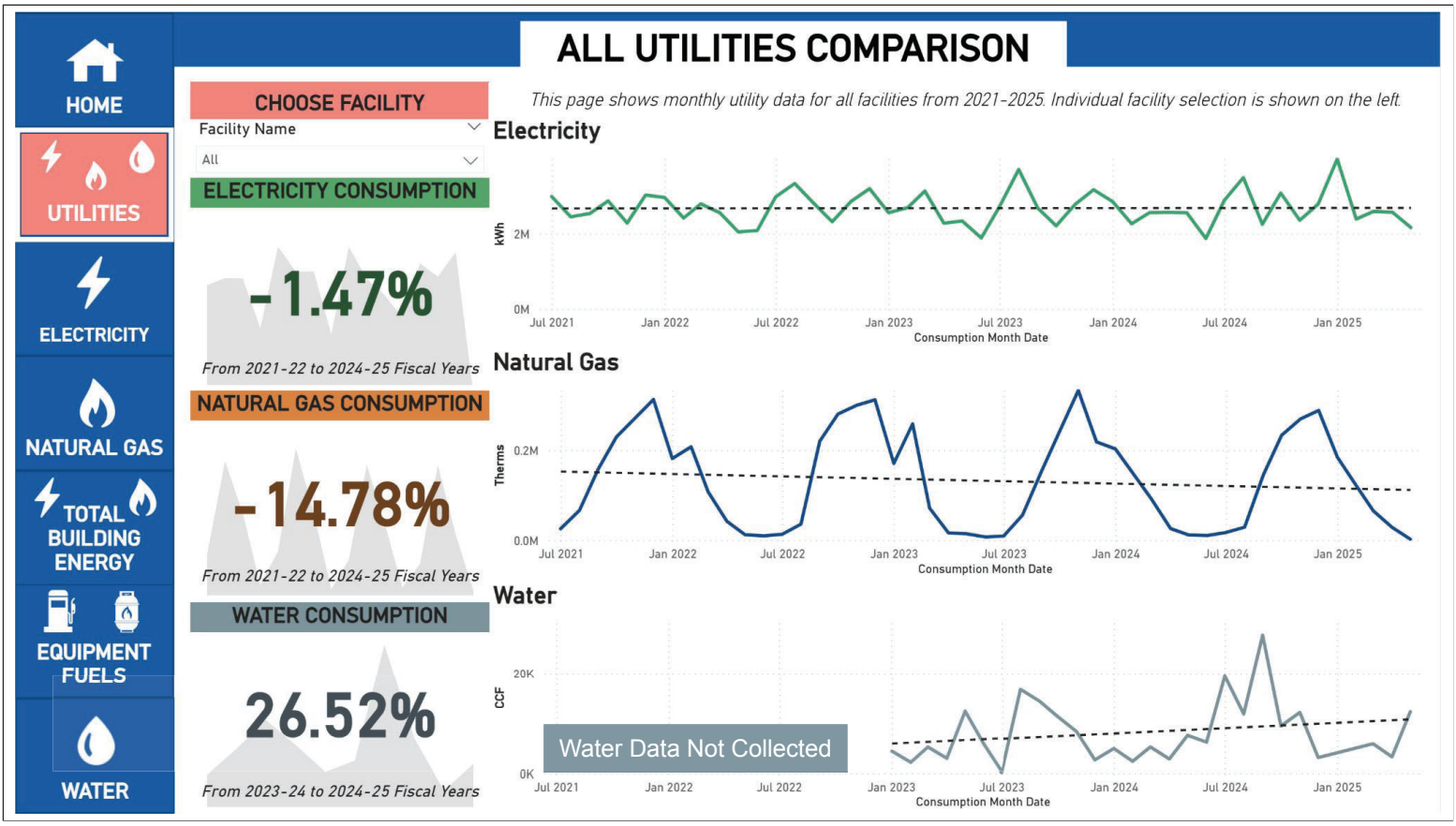
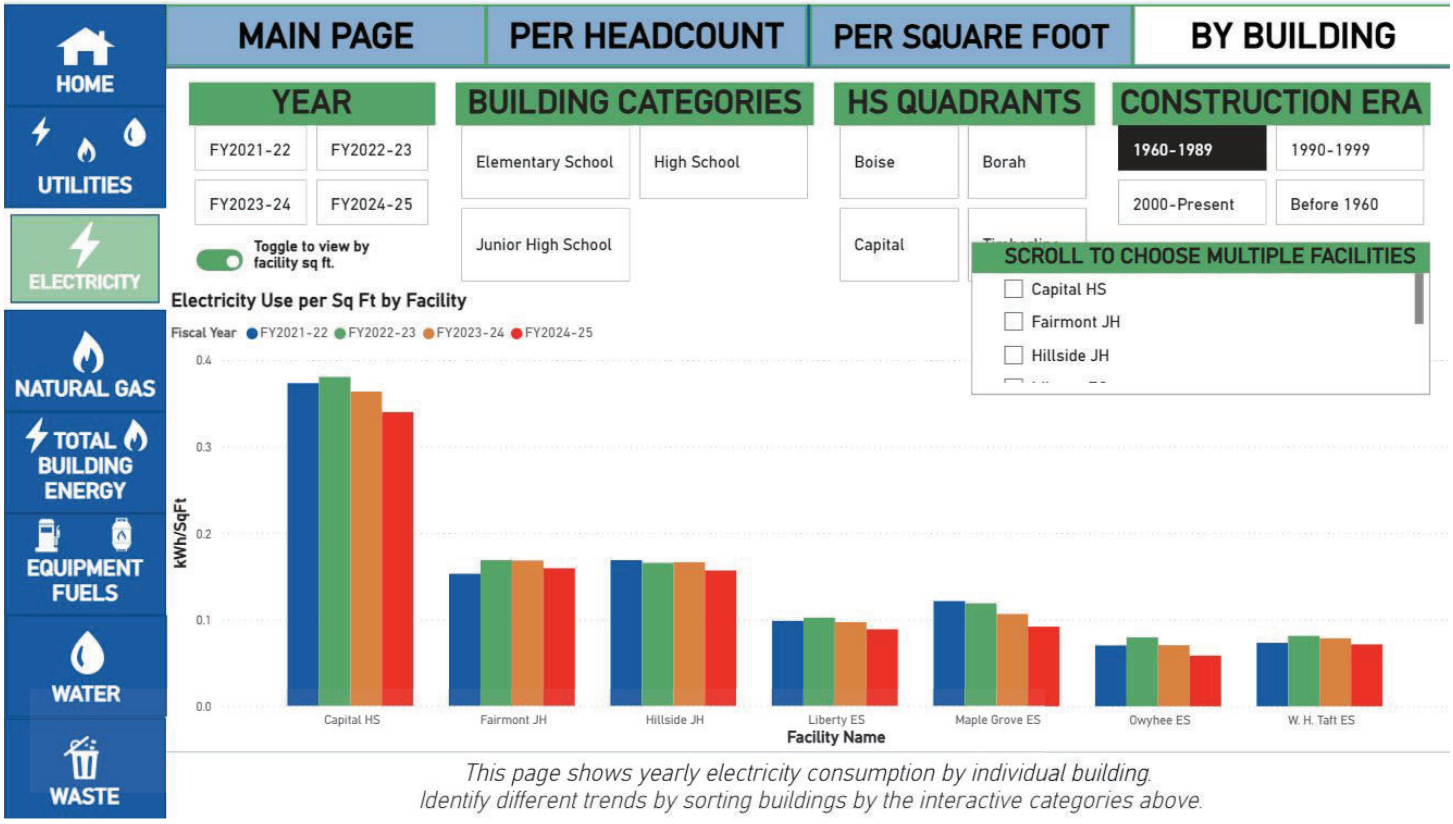
Dashboards & Data Visualization

Where Strategy Meets Action





This page shows yearly electricity consumption by individual building.
Identify different trends by sorting buildings by the interactive categories above.

Boise School District 2013-2023 Energy Use Intensity

2013/14
Began more aggressive energy efficiency measures.

2016/17
Snowmageddon- Colder winter

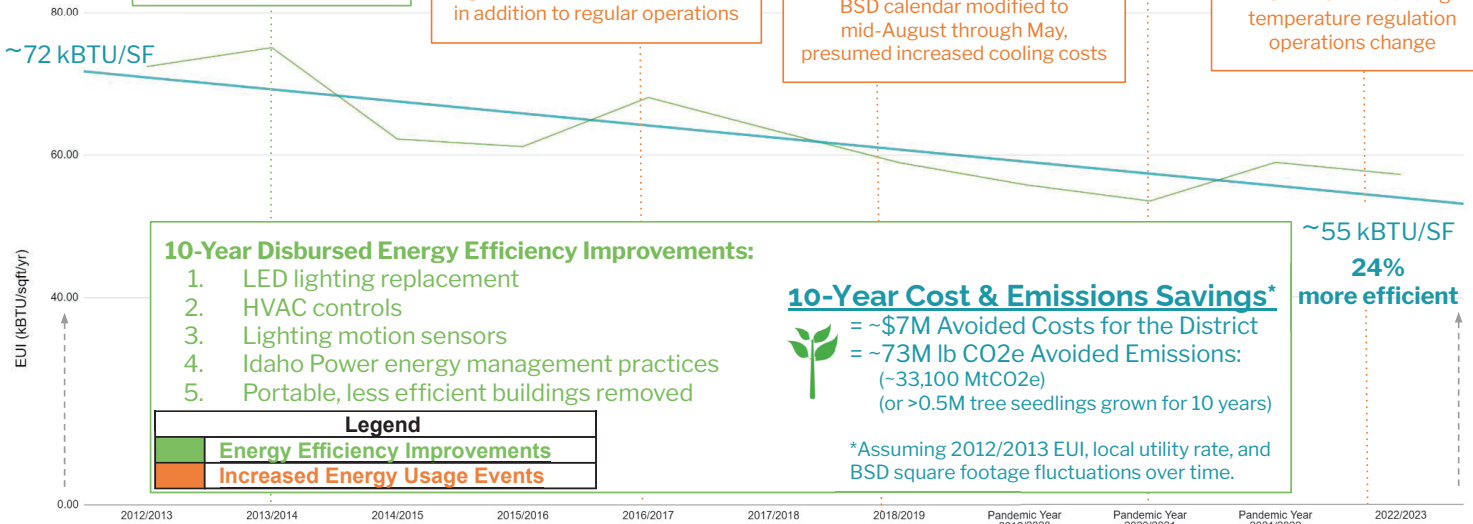
Significant demolition of schools in addition to regular operations

2018/19
BSD calendar modified to mid-August through May, presumed increased cooling costs

2020/21
CDC requires BSD to use denser MERV Filters.

All students given laptops (rose from ~ 5% to 100%)

Fall 2022 Building temperature regulation operations change



10-Year Disbursed Energy Efficiency Improvements:

1. LED lighting replacement
2. HVAC controls
3. Lighting motion sensors
4. Idaho Power energy management practices
5. Portable, less efficient buildings removed

Legend
Energy Efficiency Improvements
Increased Energy Usage Events

10-Year Cost & Emissions Savings*

= ~$7M Avoided Costs for the District
= ~73M lb CO_2e Avoided Emissions:
(~33,100 MtCO_2e)
(or >0.5M tree seedlings grown for 10 years)

*Assuming 2012/2013 EUI, local utility rate, and BSD square footage fluctuations over time.

24% more efficient

BSD SqFt:	3,998,590	3,998,590	3,998,590	3,998,590	4,067,178	4,067,178	4,389,644	4,434,004	4,519,050	4,582,652	4,651,215

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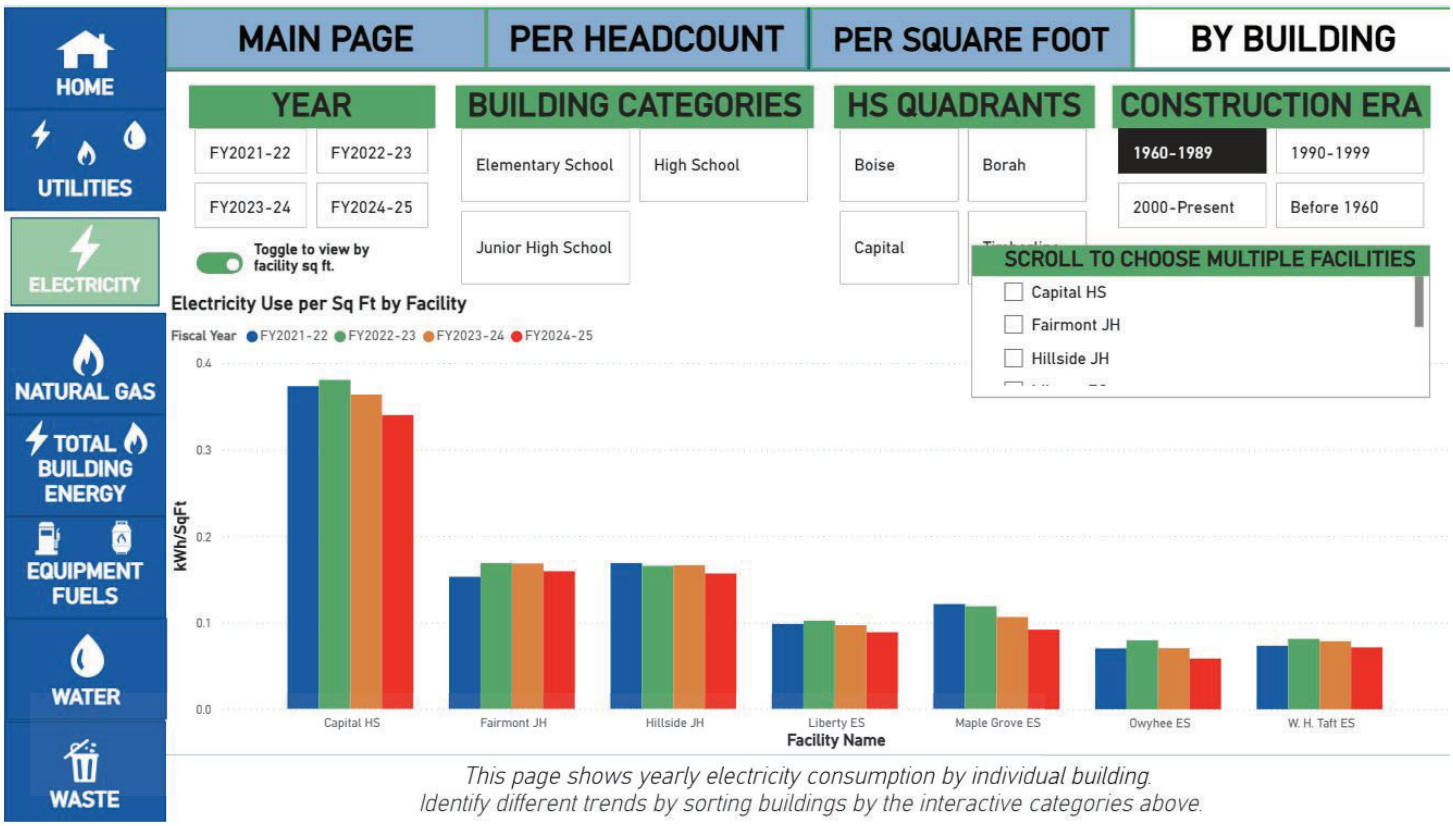
Students and Teachers Engaging on Data

Where Strategy Meets Action



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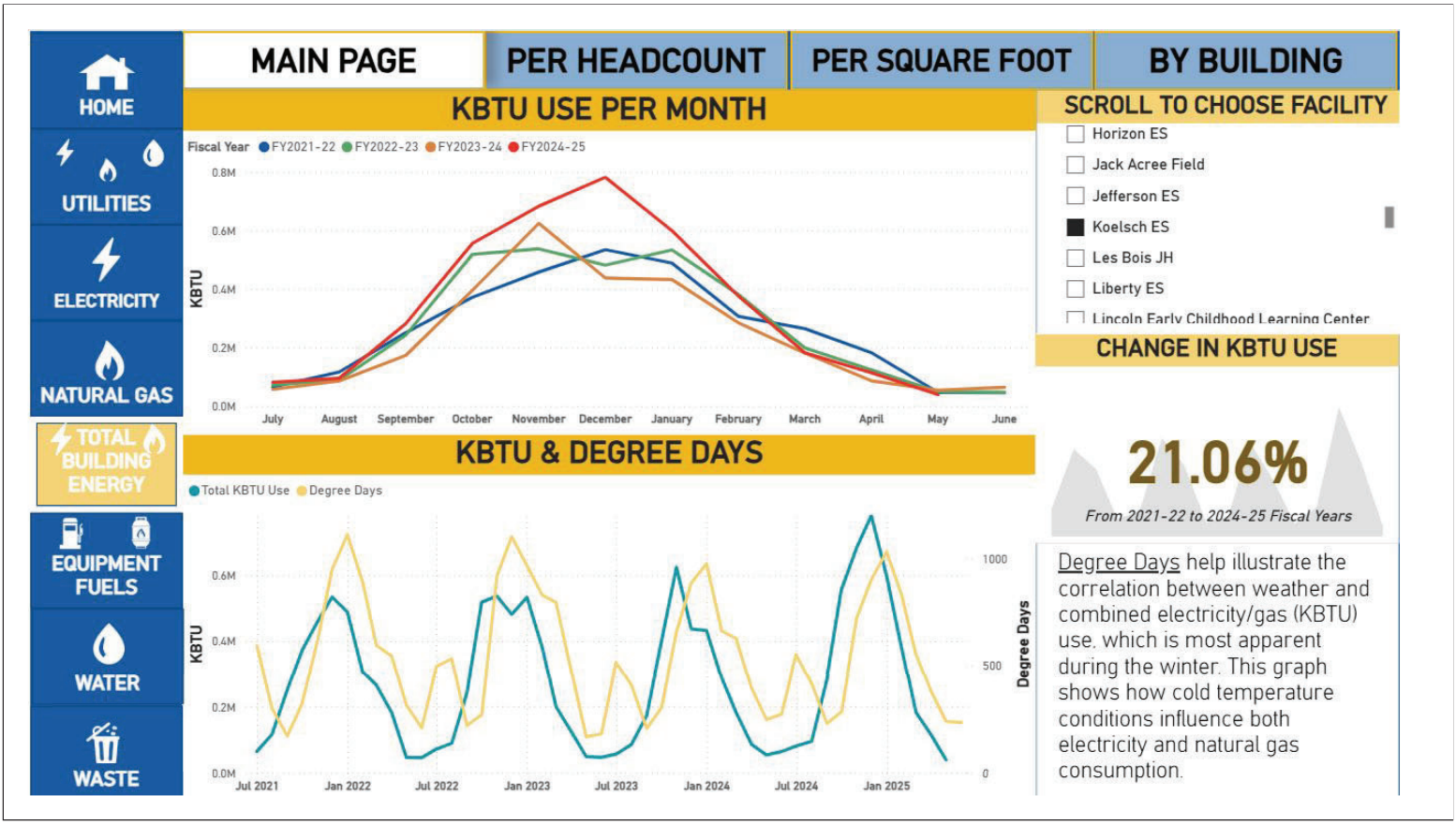
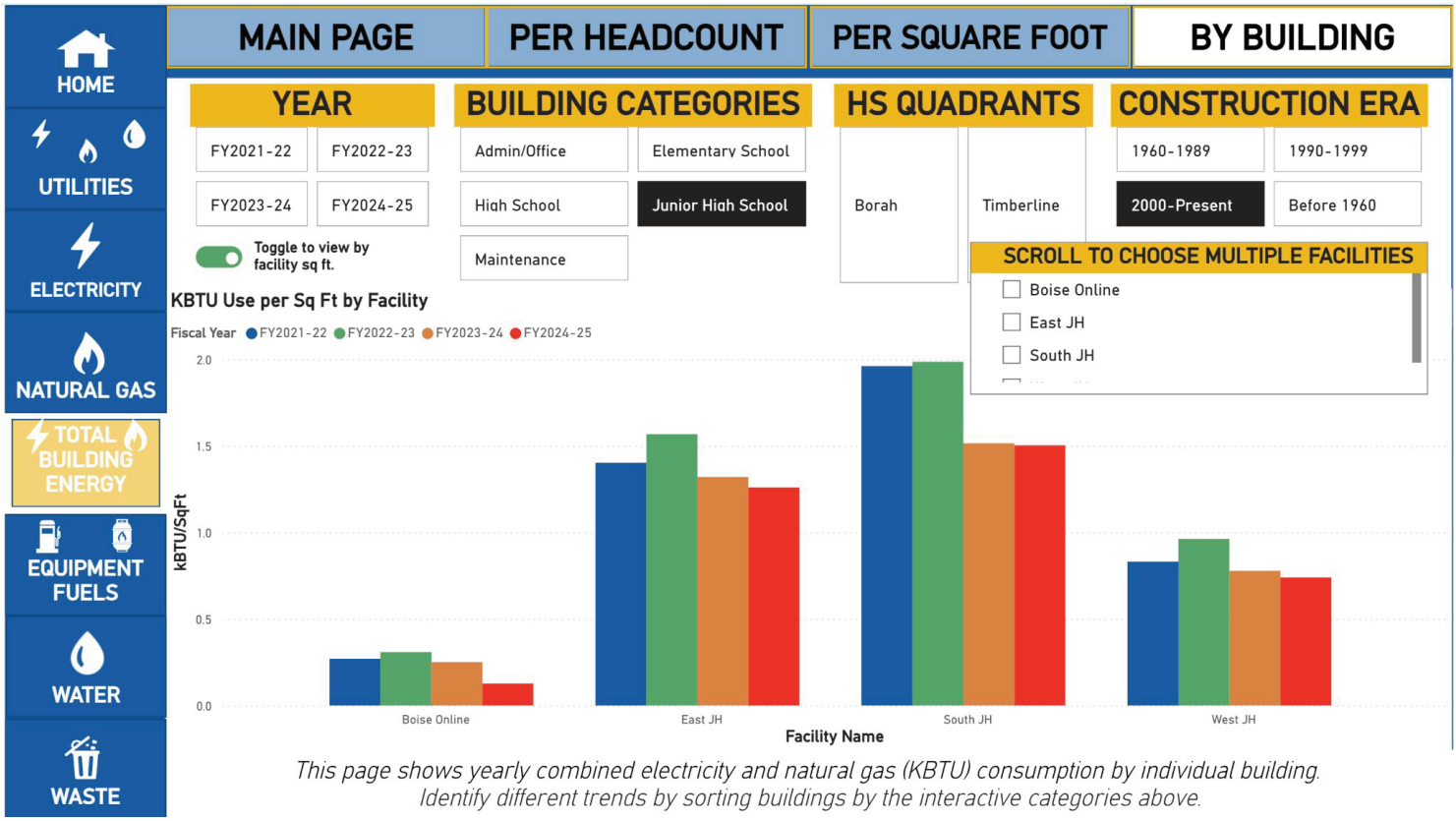
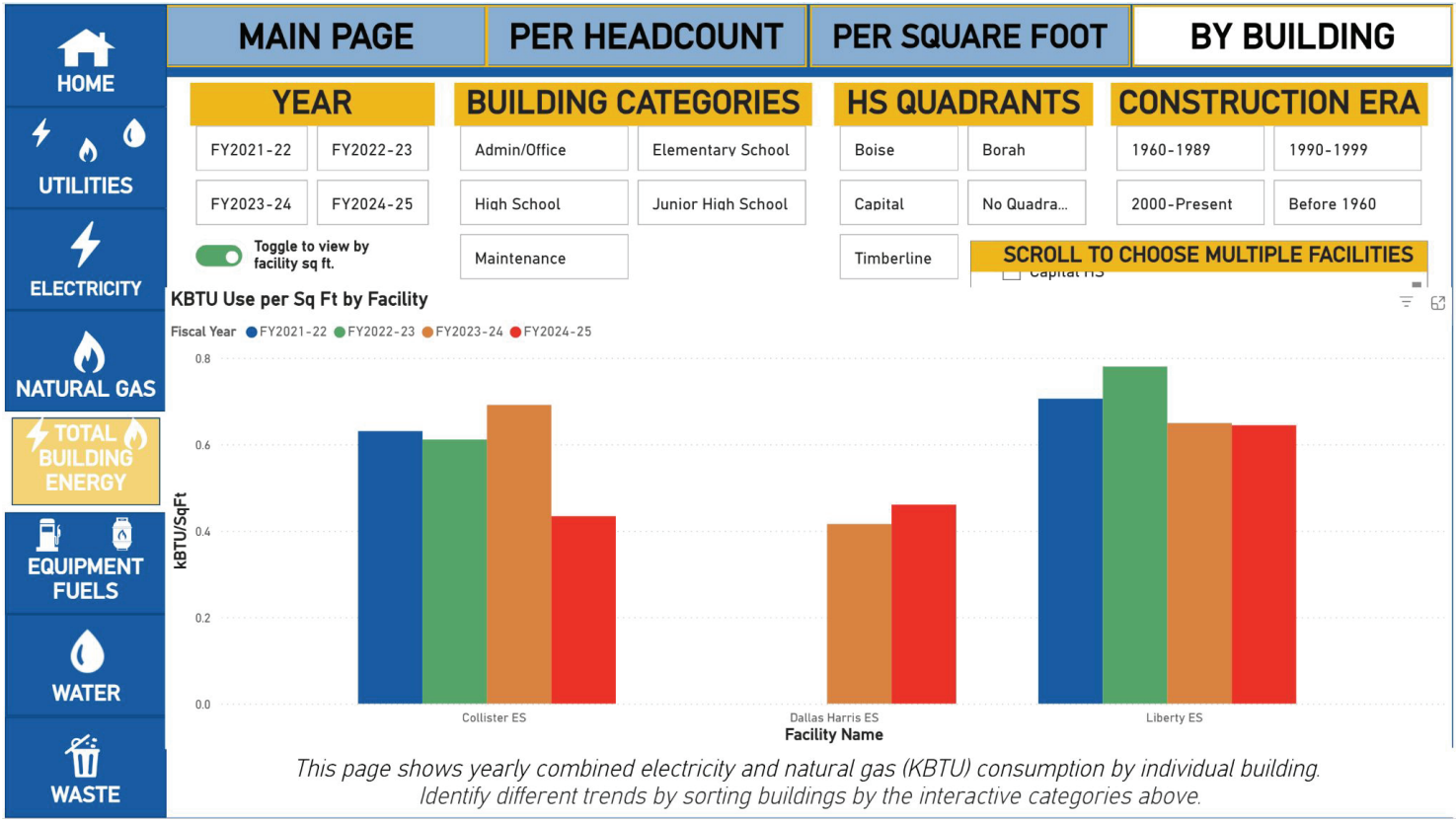




This page shows yearly combined electricity and natural gas (KBTU) consumption by individual building. Identify different trends by sorting buildings by the interactive categories above.



This page shows yearly combined electricity and natural gas (KBTU) consumption by individual building. Identify different trends by sorting buildings by the interactive categories above.

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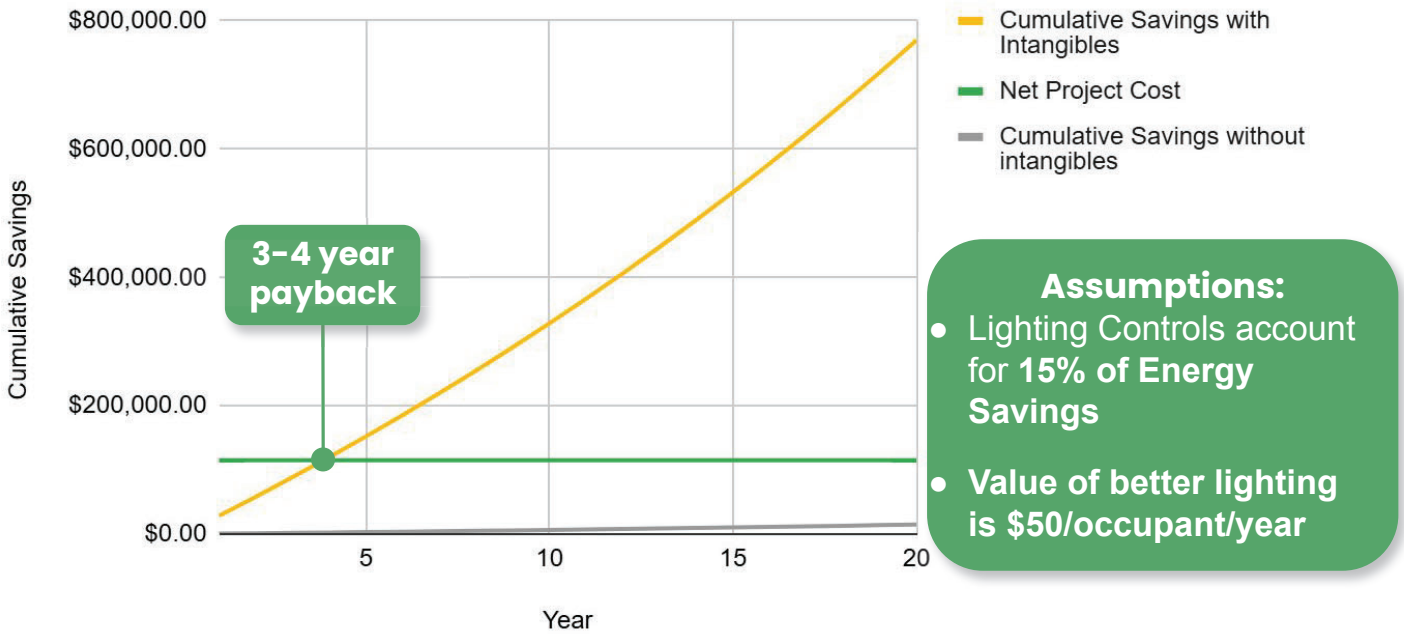
Creating Capacity for Long-Term Planning

Where Strategy Meets Action

Organizational Capacity Growth

Where Strategy Meets Action

White Pine Lighting Controls Savings

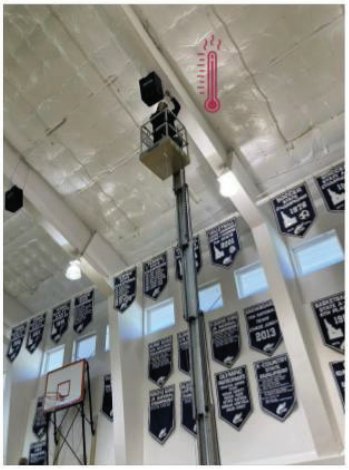


Assumptions:

- Lighting Controls account for **15% of Energy Savings**
- **Value of better lighting is $50/occupant/year**

Student Presentations

HVAC Proposal: Gymnasium Fan



HEAT TRAVELS UP!

GYM DATA:

TEMPERATURE IN THE UPPER HALF:
100+ DEGREES

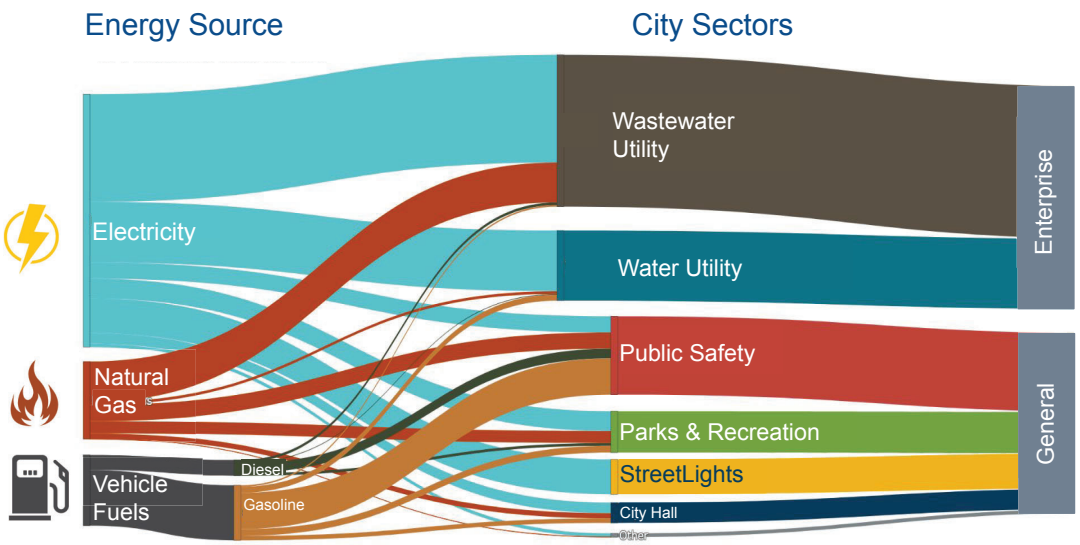
TEMPERATURE IN THE LOWER HALF:
< 70 DEGREES

!!HEATERS ARE ON 24/7!!

PROPOSAL:
INSTALL 2 , LARGE FANS
COST: $3500 /FAN

SAVINGS: $ 2K/YEAR

Turning Utility Data into Action



Anomaly Detection Identified:

Unusually high natural gas consumption

- Undetected gas leaks
- Clogged HVAC filter

Creating Breathing Room

Operational savings create enough breathing room for districts to:

- **invest in staff capacity**
- **evaluate modernization opportunities**
- **conduct feasibility studies**
- **modernize systems**
- **engage students**
- **plan more proactively**

instead of reactive emergency response mode.

A strong lead creates space to train, try new strategies, and think proactively.

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Feasibility Studies

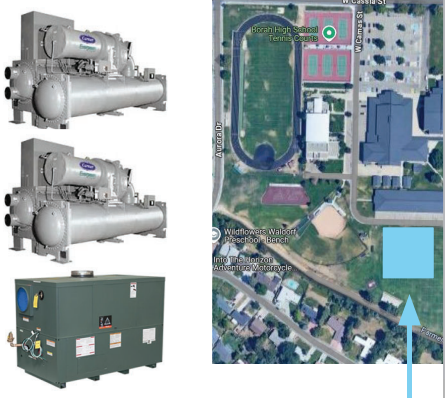
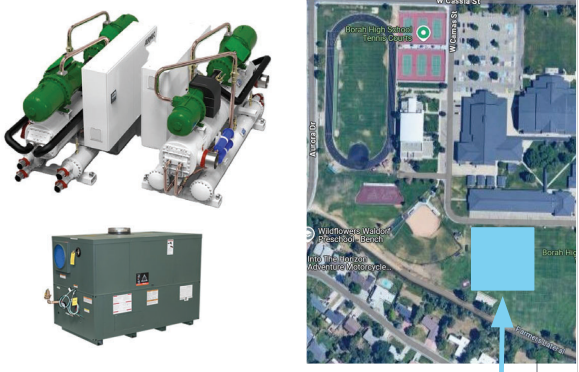
Where Strategy Meets Action

Cooling + Heating System Feasibility Study: Borah High

Prepared by: STRAVEN STRATEGY GROUP
Sustainability Strategy & Energy Planning

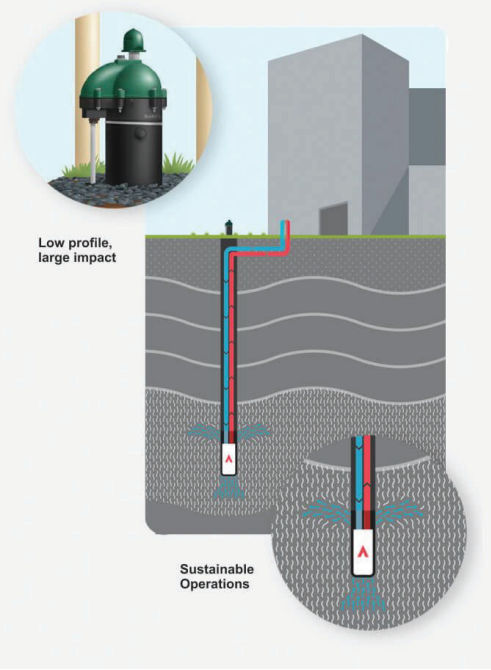
Borah High New & Old Gym Complex: Heating/Cooling Equipment Options

BOISE SCHOOLS EST. 1881 Sustainability
Environmental
Educational
Economic

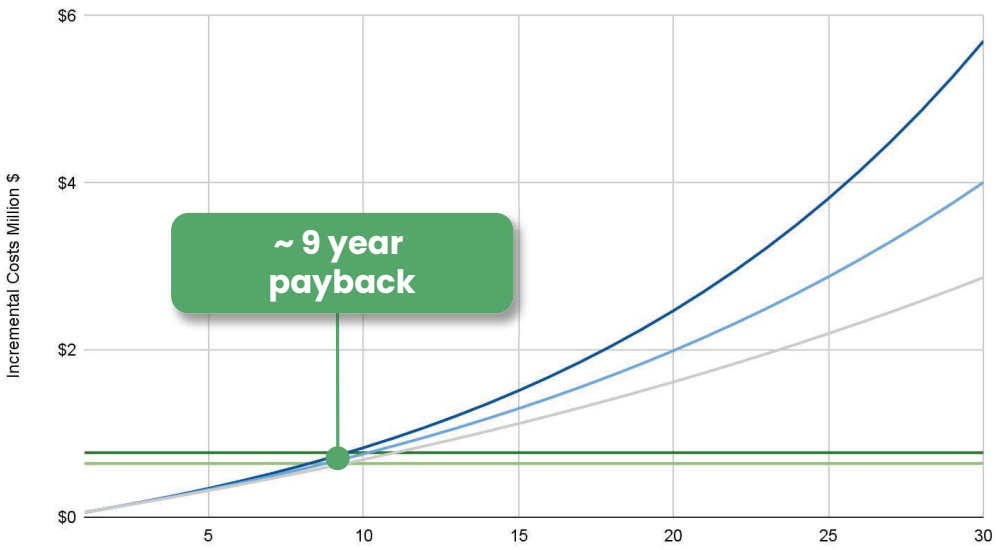
Air-Cooled	Water-Cooled	Heat Pump
• **Two 230 ton Air-Cooled Chillers**, operating when air conditioning required • **Update Boiler for New Gym** (Old Gym Complex recently completed)	• **Two 230 ton Water-Cooled Chillers** • **340 ton capacity ground source heat sink** • **Update Boiler for New Gym** (Old Gym Complex recently completed)	• **Two 230 ton Heat Pumps** using the ground as a source for heating and a sink for cooling • For heating the New Gym Complex • For cooling the New & Old Gym Complexes • **Update Boiler for New Gym** to use as backup.
	 240 ft x 240 ft underground borehole field	 300 ft x 300 ft underground borehole field

GSHP Installations

Photo and Image sources: Kenza Heat Pumps & Darcy Solutions



Heat Pump Heater/Chiller ROI (Return on Investment)



Assumptions:
Electricity Escalation
- 7%
- 5%
- 2.5%

Natural Gas Escalation: 2%

Incremental CAPEX Estimates (costs above proposed baseline system)

- High CAPEX (20% Contingency)
- Low CAPEX (30% Direct Pay)

Borah HS Gym:
Cooling + Heating Strategy Comparison

BOISE SCHOOLS EST. 1881 | Sustainability
Environmental
Educational
Economic

Metric	Air-Cooled + Boiler	Water-Cooled + Boiler	Heat Pump (HP) Heater/Chiller
	• Two 230 ton Air-Cooled Chillers • Boiler for New Gym 	• Two 230 ton Water-Cooled Chillers ground source heat sink • Boiler for New Gym 	• Two 230 ton HP using the ground as a source for heating & a sink for cooling 
Upfront Capital Cost Includes system, building upgrades, electrical, piping, & install Excludes 20% contingency specified by Musgrove Engineering	**$6.3M** ($3.5M boiler | $2.8M chillers)	**$9.0 M** ($3.5M boiler | $2.75M boreholes | $2.75M water-cooled system)	**$9.7M** ($3.4M HP | $2.75M boreholes | $3.5 for HP mods) (additional piping needed)
		Includes: -**Redundancy:** Borehole field sized 460 tons; could downsize to 360 tons. -**Idaho Power incentives:** For more high-efficiency cooling system components **Supports expansion for future expansion for heating and cooling**	
Direct Pay Rebate Check	**$0M**	**$2.0M**	**$2.7M**
Incremental Cost	**$0M**	**$7M**	**$0.7M**
First Year Annual Energy OpEx (A/C and Heating)	**$112k** ($68k/yr to heat New Gym Complex)	**$84.7k** ($68k/yr to heat New Gym Complex)	**$51k** ($28k/yr to heat New Gym Complex)
Energy Costs Avoided	**Baseline**	**$900k over 20 years**	**$2M over 20 years**
Lifespan	**AC Chillers:** 15-20 Years **Boiler:** 15-25 Years	**Ground Source Loops:** 50+ years **WC Chillers:** 25-30+ Years	**Ground Source Loops:** 50+ years **Heat Pump:** 25 - 30 years

Borah HS Gym:
Cooling + Heating Strategy Comparison

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Metric	Air-Cooled + Boiler	Water-Cooled + Boiler	Heat Pump Heater/Chiller
Noise	**Chiller Fan Noise** to Campus/Neighborhood 	**None** 	**None** 
Aesthetics	**Large Footprint** **Requires Enclosure**	**Visually Unobtrusive** **Housed inside Mechanical Room**	
Carbon Emissions (Over 20 yrs)	**12,000 MTCO2e** (203,000 tree seedlings grown for 10 years) (31.2M miles driven by an average gasoline car)	**11,000 MTCO2e** (179,000 tree seedlings grown for 10 years) (27.6M miles driven by an average gasoline car)	**3,000 MTCO2e** (47,000 tree seedlings grown for 10 years) (7.2M miles driven by an average gasoline car)
Contained Glycol Use	**Glycol Outside & Inside Buildings:** Outdoor Air-Cooled Chiller shares loop with indoor equipment	**Glycol Outside Only** Heat exchanger keeps indoor loop glycol-free.	
# of Systems to Maintain	**Two Outside**	**One Inside System**	
Other Considerations	**More exposure to weather** Greater wear and tear on equipment. **Limited future flexibility** Cooling only; heating upgrade would require major changes. **Higher refrigerant charge** for larger outdoor units.	**Future heating-ready** Higher avoided carbon emissions if expanded to heating, with reduced combustion risks. **Efficient land use** after temporary field disturbance.	**Balancing Heating and Cooling** Rejection to ground + higher avoided carbon emissions if expanded to heating, with reduced combustion risks. **Efficient land use** after temporary field disturbance.

Similar Climate Case Studies

K-12 Case Studies

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UNDAUNTED K12 Energy Tax Credits for Schools Hub

Jefferson County Public Schools in Kentucky receives a $1,824,613 check!

Westwood Public Schools in Massachusetts receives a $5,055,655 check!

North Fayette Valley Community School District in Iowa receives a $873,483 check!

Seattle Public Schools in Washington receives a $7,970,439 check!

Tax Credits for Ground-Source Heat Pumps Remain Intact

Bozeman, MT

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GEOTHERMAL HEAT PUMP CASE STUDY:

Montana State University

25% Decrease in Energy Use Intensity

MSU Facilities reported that out of 264 boreholes installed over the past few decades, only one had to be abandoned.

Name: Montana State University

Location: Bozeman, Montana

Site Type: University Campus

Size:

- 650,000 square feet (8 buildings) heated and cooled by geothermal systems
- 264 boreholes drilled 500–700 feet deep
- 100 boreholes and two new buildings planned for 2024–2025

Unique Features:

- 8,000 heating degree days per year
- Geothermal systems utilize 2.5 miles of existing utility tunnel system
- Includes fifth-generation ambient loop for energy sharing

Energy Savings:

- Norm Asbjornson Hall, a campus engineering building, includes a geothermal heat pump system and operates at 35 kBtu/square feet/year, equating to 40% less carbon emissions than other comparable buildings on campus
- Campus building energy use intensity decreased by 25% from 2007 to 2023

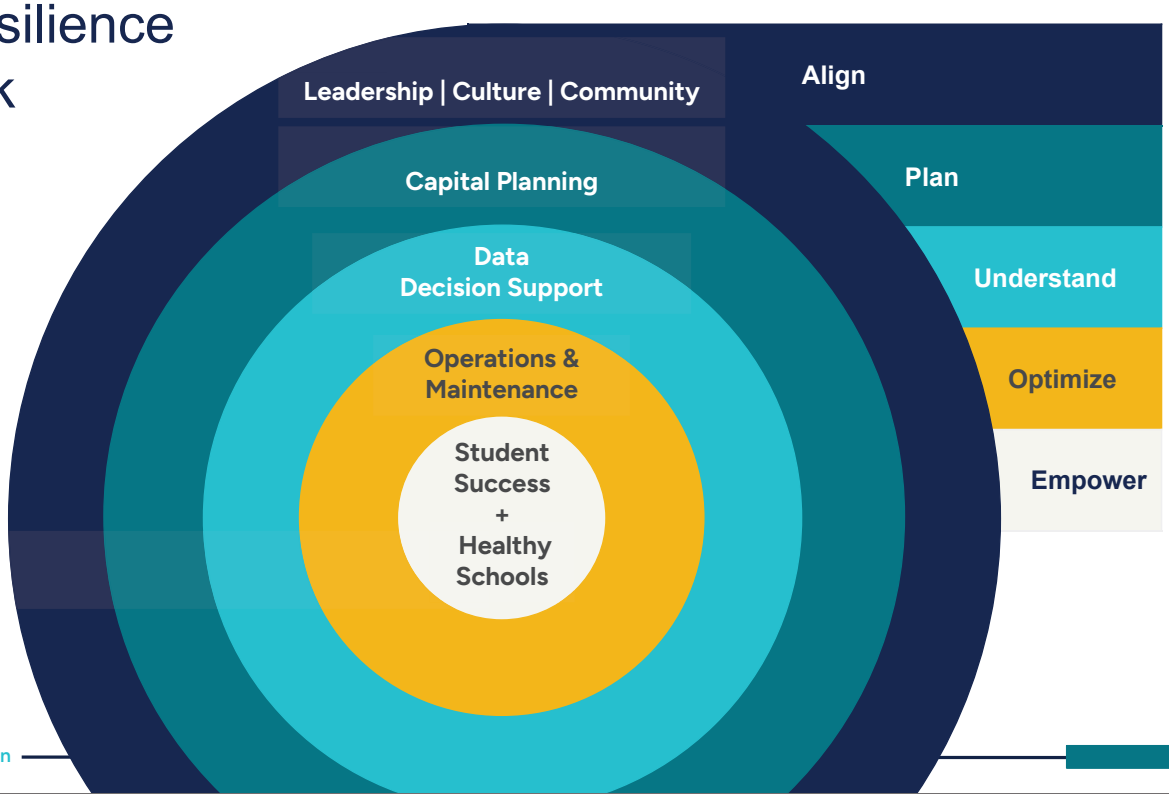
Cost Savings:

- The first campus energy district installed in 2011, including four buildings connected to a central heat pump plant and 52 geothermal boreholes, saves an average of $130,000 annually

Source: Energy.gov

School Resilience Framework

STRAVEN STRATEGY GROUP



Where Strategy Meets Action

STRAVEN STRATEGY GROUP

Thank you!

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Where Strategy Meets Action

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Using Utility Savings to Support District Staff

Boise School District

Alison Ward
BSD Sustainability Supervisor
Alison.ward@boiseschools.org

Boise School District

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Idaho's 2nd largest public school district

22,000 students
4,000 staff

52 schools
80 buildings (4.6 million sq ft)
Built 1881 - 2023

850 acres of grounds and fields

Sustainability at Boise Schools

Sustainability
Environmental
Educational
Economic

2017 Sustainability Committees began and Joined Idaho Power Cohort (SEM) (1-4 sites adding additional sites in 2021)

2021 Board Resolution on Clean Energy

Key Action Items:

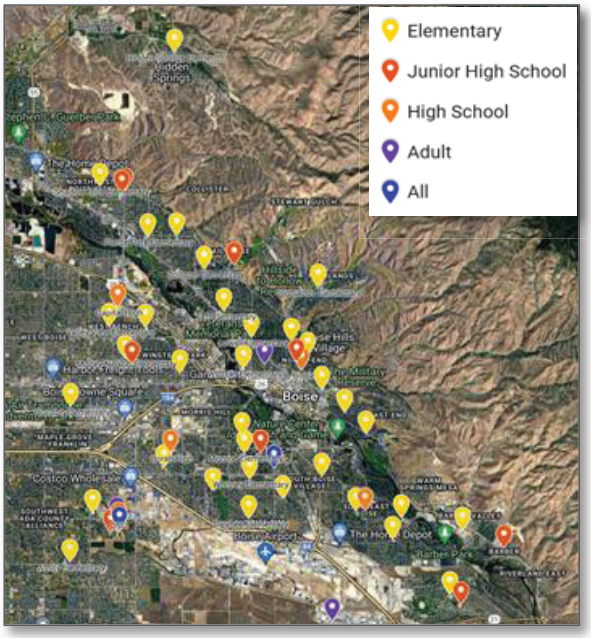
2023

- GHG Audits Districtwide
- Develop Green Team Leadership position for each school
- Add Sustainability Supervisor

2025

25 Sites in SEM program with Idaho Power
Established Sustainability Action Plan for 2026-2031
Reanalyze EUI and GHG district-wide, creating sustainability dashboard

Green Teams and Outdoor Learning Site Map



"My students love taking a leadership role in a meaningful and impactful way."
-Green Team Survey Respondent

Student Engagement

Green Teams Cultivate District-Wide Impact

52 Green Teams & 2504 Green Ambassadors
Worked on waste reduction, reduced energy consumption, environmental stewardship, and water conservation across the district. Up from 592 Green Ambassadors in 23-24. **A 323% increase!**

14,506 service hours
Collectively contributed toward sustainability, including hands-on projects, learning, and community engagement.

New Projects!
42 schools sponsored milk bottle pilot & Orange Bag plastic film collection.

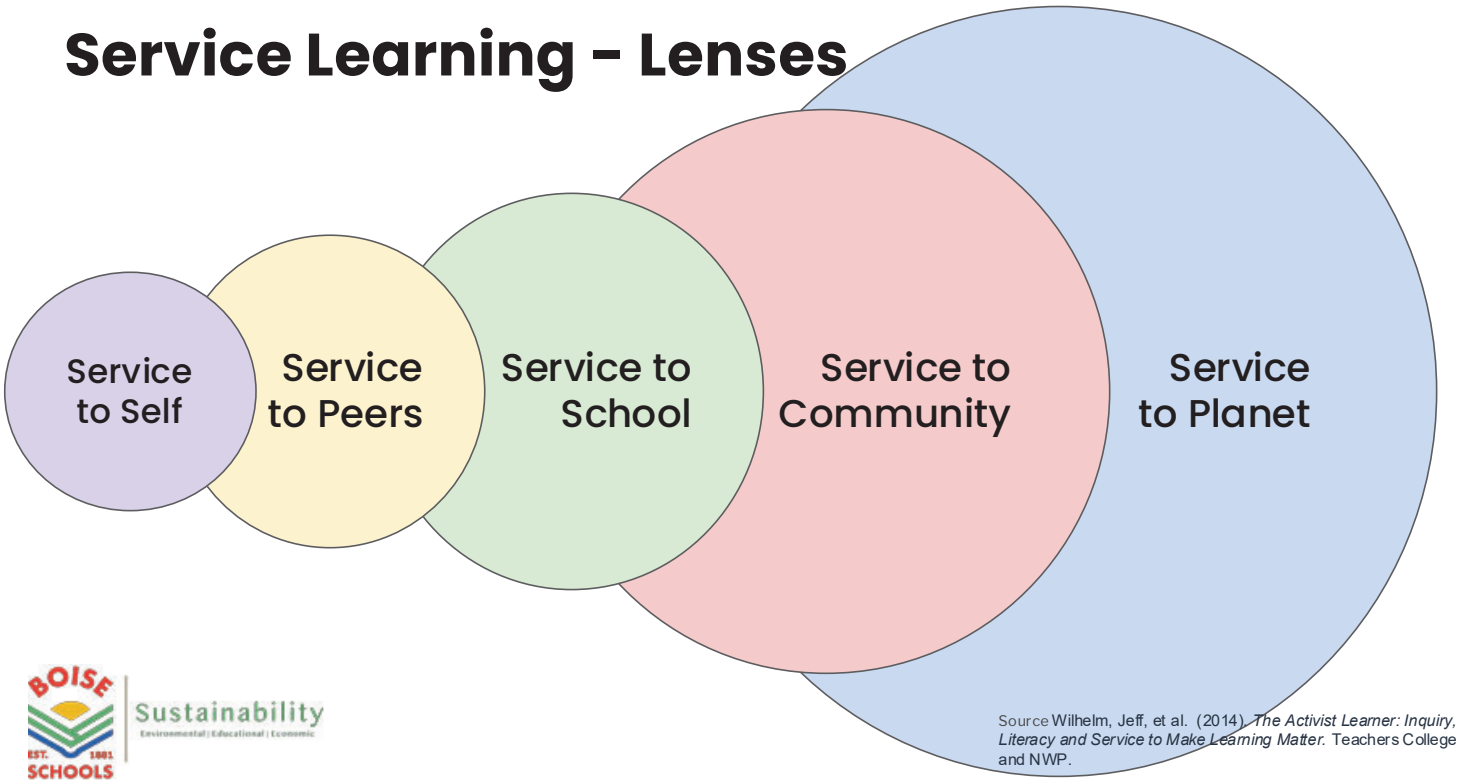
616 MWh Saved from Power Down Challenge, alone in 2024-2025.

"Kids loved it! The younger kids were excited to one day be on the green team."

Helping schools reduce their environmental footprints and providing students with hands-on education.

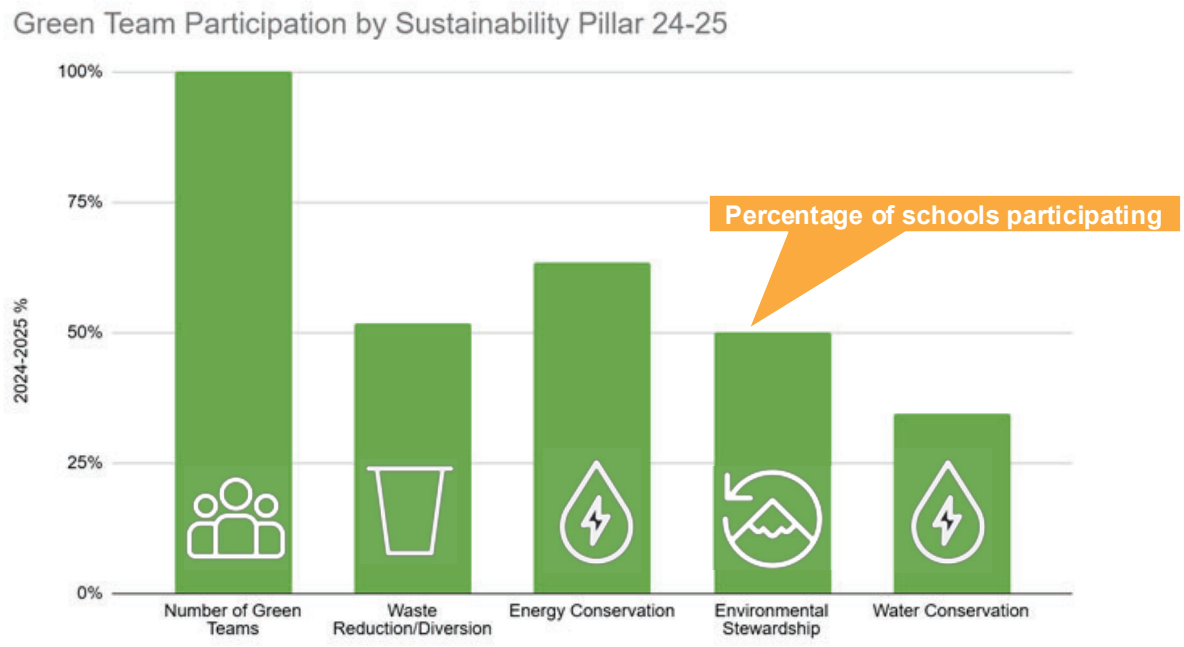
Educational Environmental Economic BOISE EST. 1881 SCHOOLS Sustainability

Service Learning - Lenses

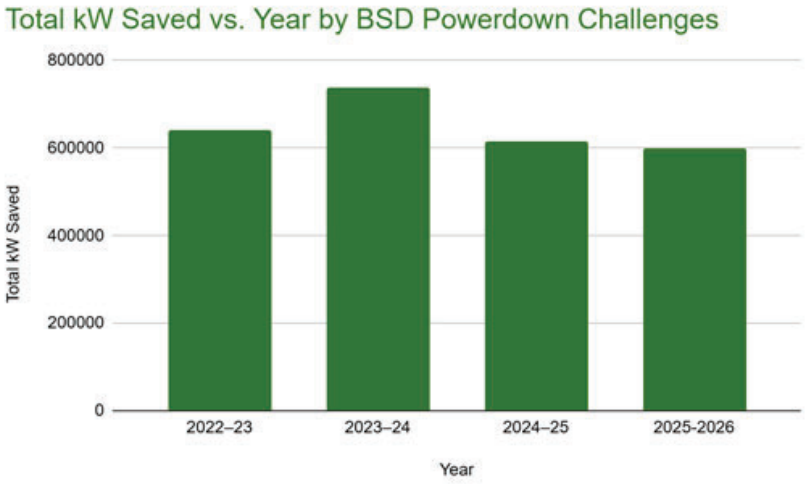


Source Wilhelm, Jeff, et al. (2014). *The Activist Learner: Inquiry, Literacy and Service to Make Learning Matter.* Teachers College and NWP.

Active Areas of Impact, 24-25



Power Down Challenges Kill-a-lot-of-Watts



2,593,256 kWh Energy Savings!

1,879 MTCO2e reduction . . . equivalent to:

438 gas-powered passenger vehicles taken off the road for one year!

31,071 tree seedlings grown for 10 years!

Source: Greenhouse Gas Equivalencies Calculator
Link to BSD Data by Power Down Challenge Period

"My students love taking a leadership role in a meaningful and impactful way."
-Green Team Survey Respondent

Reinvesting Utility Incentives

Green Team Project Requests & Funding

$1,000 stipends
For each green team lead to attend sustainability professional development and lead sustainability teams at their sites.

2 Americorps Service Members

Grace Jordan Organics Composting + Recycle

Hillcrest School Garden (Mindfulness Garden)

Borah Garden Classroom and Canopy Structure

ASCENT School Garden (Pollinator and Habitat)

Adams School Garden and Moon Tree

Horizon Elementary Tree Planting

Whitney Elementary Data Bots

Fairmont Junior High Courtyard Renewal

Funds for Consulting & Feasibility Studies

Leadership Support to fund:

- Greenhouse Gas studies and Dashboard development
- Clean Transportation study
- Solar Feasibility study
- Ground source heating / cooling Feasibility study and
- Waste data analysis and visualization (w/ student interns)
- Clean energy tax consultation and advising

Funding Critical Upgrades

Facilities Support to fund:

- LED Lighting Upgrades at 3 sites
- Lighting Control upgrade
- Irrigation Control upgrade at 2 sites
- Solar repair
- Garden installation/repair
- EV charging → faster chargers
- Schoolyard Guide creation
- Bike racks and No Idle signs

Commonly heard phrases

"I love the enthusiasm of the students!"