

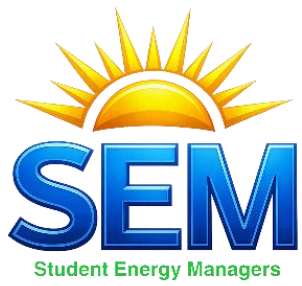


# Built for Savings Designed for Impact

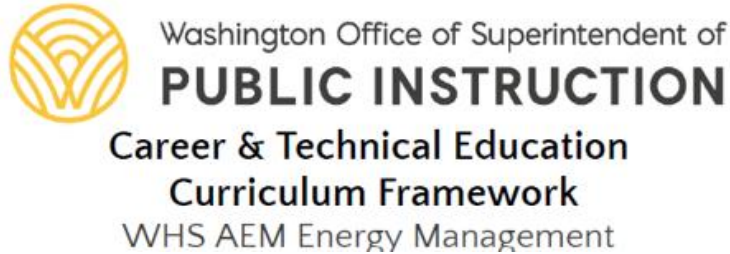
How we, as students, are transforming the  
Wenatchee Commercial Building Community  
and creating a model for Communities across Washington



**THIS IS OUR PROGRESS!**



# Wenatchee High School's AEM Energy Management Class



**Monday, January 26<sup>th</sup>:** 19 students started the AEM Energy Management course, the first of its kind in Washington.

Students who do well in completing the course will have the opportunity to apply for the SEM paid internship program.

Our success would not be possible without the support of:

**Those that are selected will be offered the opportunity to join our SEM team starting at \$20/hour.**

**Our Superintendent, Dr. Kalahar and his entire Team**

**Jim White and his team at the PUD**

**Our Wenatchee Clients**

**Our School Principals, Office Staff, and Custodians**

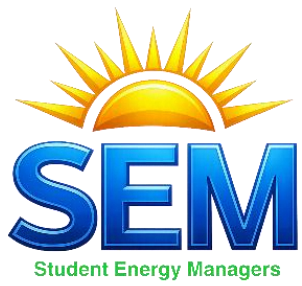
**Bryan Brockie and the entire FM team**

**Our teachers, and Ron Brown**

**The team at New Energy Technology**

**Annalyn Bergin and her team at the Department of Commerce**





# AEM Interns rebranded their name to Student Energy Managers (SEM)



## Why Did We Make the Switch?

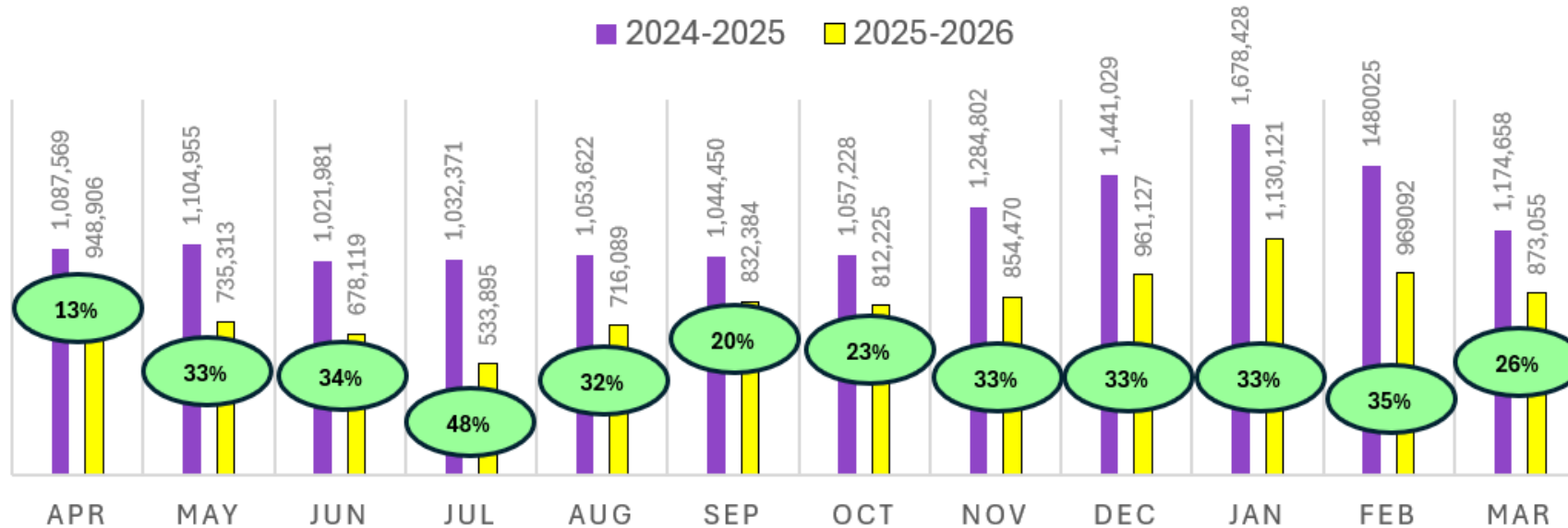
- ✓ Updated name better describes our role and responsibilities
- ✓ Gives us an independent identity from the proven AEM business model
- ✓ Energy Manager is an established term in the energy industry
- ✓ Better conveys the seriousness of our work – saving clients millions in fines

**Wenatchee's SEM team is student-power** implementing the proven **Advanced Energy Management (AEM)** business model. AEM uses superior energy data to improve operations driving out energy waste through conservation actions generating significant reduction energy use, cost, and CO2 pollution.



# Impact of SEM Team implementing AEM

## WENTACHEE SCHOOL DISTRICT'S 12-SCHOOLS COMBINED MONTHLY ELECTRICITY USE (KWH) CURRENT YEAR VS PREVIOUS YEAR



31%

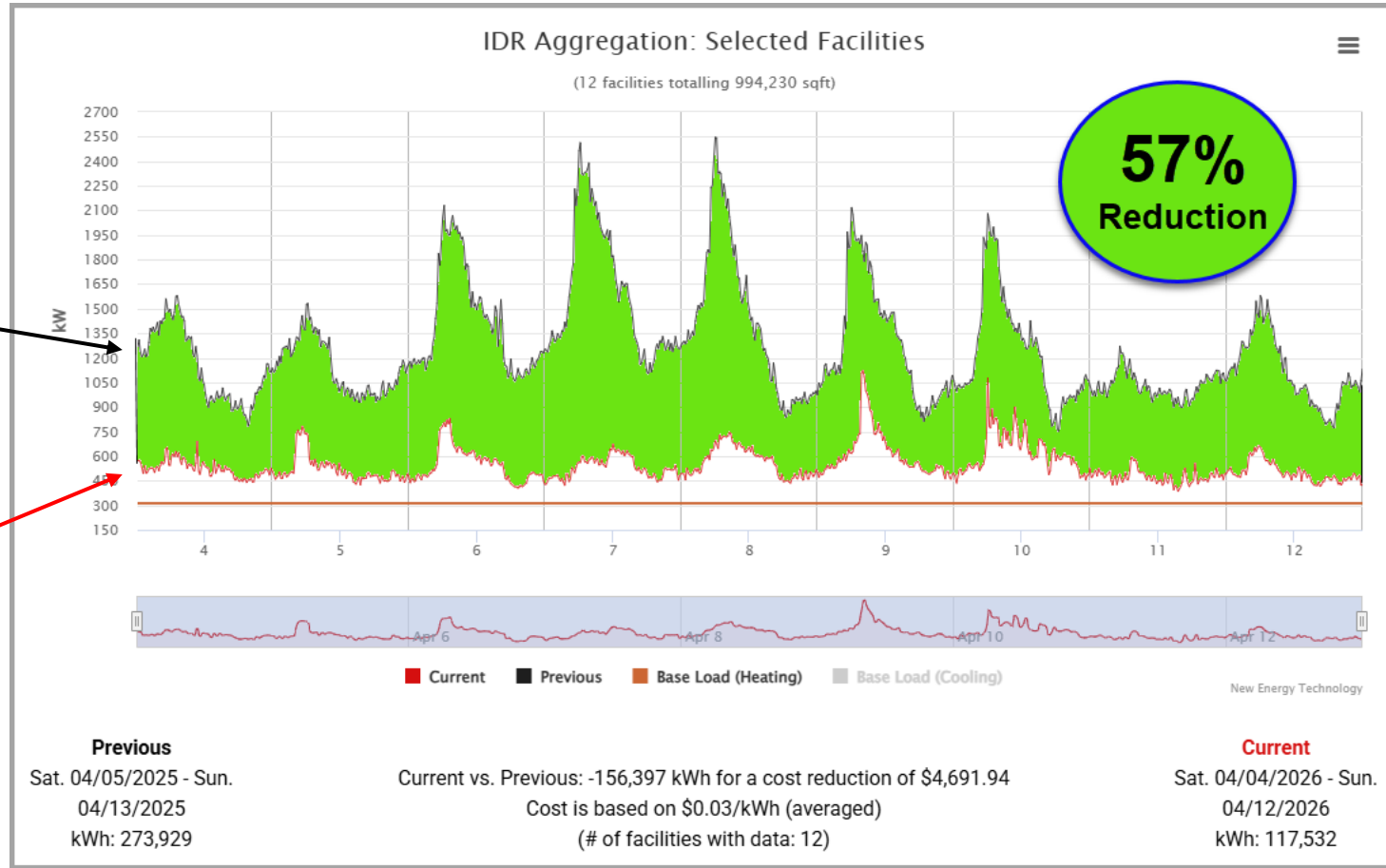
4.4 million kWh

\$132,500

SEM-First Year's Total Reduction

# 2026 Spring Break Shutdown with ENERGY STAR

## *Power Down Playoff Event*



Last Year  
Spring Break

This Year  
Spring Break

### List of Actions:

- ✓ Power Down Posters
- ✓ Teacher Checklists
- ✓ Custodian Participation
- ✓ Occupant Schedules
- ✓ Controls aligned with Schedules
- ✓ On site Monitoring Walk-throughs
- ✓ Quick Response to Stop Waste
- ✓ Performance Report to Each School

# Achieving the Impossible

## Meeting Clean Buildings Performance Standard (CPBS) EUI Target



Wenatchee High School (292,362 Sq Ft)  
Weather Normalized Energy Use Intensity (WNEUI)  
compared to the **EUI Target (49)**

SEM Team Starts

Calculations by Chelan PUD

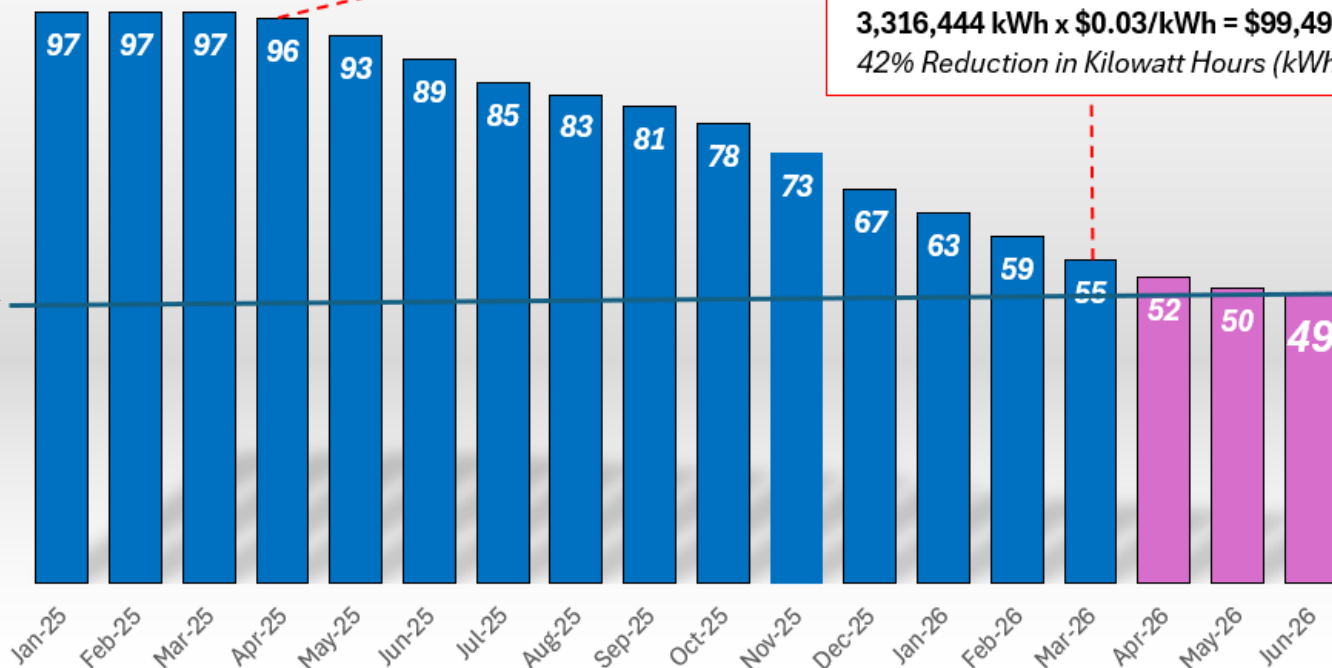
April 2025 - March 2026

Weather Normalized kWh Reduction

3,316,444 kWh x \$0.03/kWh = \$99,493

42% Reduction in Kilowatt Hours (kWh)

CBPS  
Required  
EUI Target



Reducing Energy Use  
from a 97 to a 49  
through **Conservation**  
action only is  
**Impossible**

Achieving EUI Target  
avoids a \$443,000 fine  
in June 2026

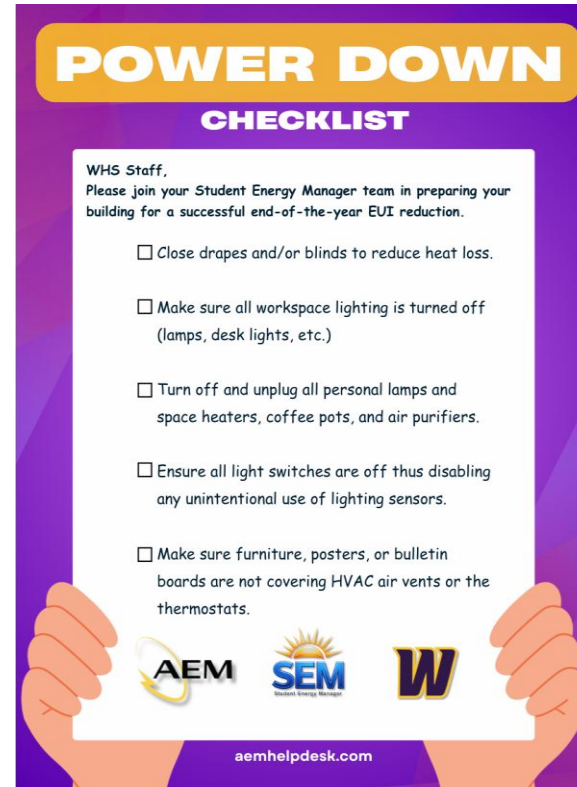
Total Avoided Cost Impact  
**\$542,493**

**WOW**

# Time to Finish Strong – Our Rally Campaign



## Checklists



**POWER DOWN**  
**CHECKLIST**

WHS Staff,  
Please join your Student Energy Manager team in preparing your building for a successful end-of-the-year EUI reduction.

- ☐ Close drapes and/or blinds to reduce heat loss.
- ☐ Make sure all workspace lighting is turned off (lamps, desk lights, etc.)
- ☐ Turn off and unplug all personal lamps and space heaters, coffee pots, and air purifiers.
- ☐ Ensure all light switches are off thus disabling any unintentional use of lighting sensors.
- ☐ Make sure furniture, posters, or bulletin boards are not covering HVAC air vents or the thermostats.

AEM SEM W  
aemhelpdesk.com

- ✓ Encourage ongoing power-down habits, after Power Down Playoffs
- ✓ Help WHS stay on track to meet its EUI target by June 2026

## Promotional Events & Actions

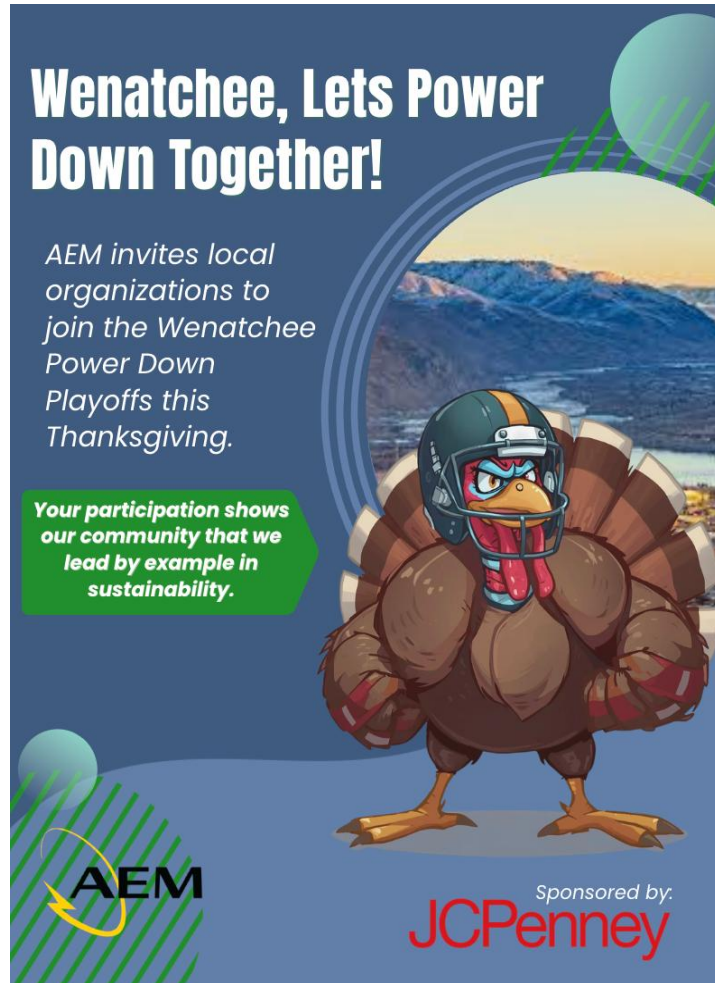
- Weekly PA Announcements
- Weekly Performance Reports
- Weekly Conservation Events
- Half-way Celebration Event
- Daily Reminders on TV Monitors
- And much more....



Stickers

# Making Conservation Fun across our Community

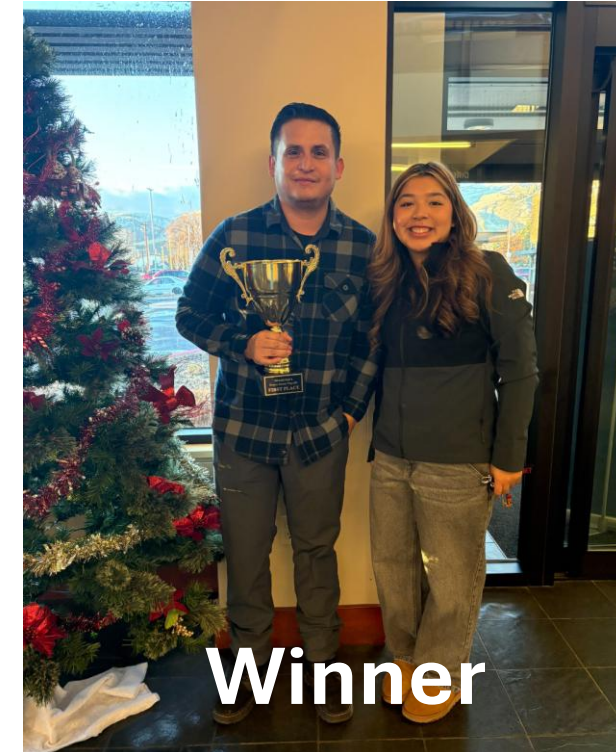
## *Power Down Playoffs*



**Thanksgiving Shutdown**



**Winter Holiday Shutdown**



# Status – Community's Clean Buildings Compliance

## Over \$2,000,000 in Fine-Cost Avoided + Energy Cost Savings

**2**  
Completed

**24**  
In-Process

**2**  
Unknown

Total  
**28**  
Buildings

|                                       | Building                          | Sq Ft   | Tier | Non Compliance Fine | Energy Tracking & Benchmarking | O&M Program | Energy Management Plan | Meets Energy Use Intensity Target (Yes / No) | CBPS Early Compliance (Yes / No) |
|---------------------------------------|-----------------------------------|---------|------|---------------------|--------------------------------|-------------|------------------------|----------------------------------------------|----------------------------------|
| <b>Wenatchee School District</b>      |                                   |         |      |                     |                                |             |                        |                                              |                                  |
| 1                                     | Foothills Middle School           | 85,932  | 1    | \$133,898           | Complete                       | Complete    | Complete               | No                                           | Unknown                          |
| 2                                     | John Newbery Elementary School    | 48,971  | 2    | \$14,691            | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 3                                     | Lewis and Clark Elementary School | 48,971  | 2    | \$14,691            | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 4                                     | Lincoln Elementary School         | 82,327  | 1    | \$128,491           | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 5                                     | Mission View Elementary School    | 51,659  | 1    | \$82,489            | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 6                                     | Orchard Middle School             | 78,206  | 1    | \$122,309           | Complete                       | Complete    | Complete               | No                                           | Unknown                          |
| 7                                     | Pioneer Middle School             | 119,250 | 1    | \$183,875           | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 8                                     | Sunnyslope Elementary School      | 45,968  | 2    | \$13,790            | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 9                                     | Valley Academy of Learning        | 48,971  | 2    | \$14,691            | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 10                                    | Washington Elementary School      | 73,613  | 1    | \$115,420           | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 11                                    | Wenatchee High School             | 292,362 | 1    | \$443,543           | Complete                       | Complete    | Complete               | On-Track                                     | In-Process                       |
| 12                                    | Wenatchee HS Trans Bldg           | 29,058  | 2    | \$8,717             | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 13                                    | Operation & Maintenance Bldg      | 29,000  | 2    | \$8,700             | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| <b>Wenatchee Commercial Buildings</b> |                                   |         |      |                     |                                |             |                        |                                              |                                  |
| 14                                    | CTC-Office                        | 90,640  | 1    | \$140,960           | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 15                                    | NC Education Service District     | 28,777  | 2    | \$8,633             | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 16                                    | Town Toyota Center                | 180,550 | 1    | \$275,825           | Complete                       | Complete    | Complete               | On-Track                                     | In-Process                       |
| 17                                    | Wenatchee Clinic (CVCH)           | 68,665  | 1    | \$107,998           | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 18                                    | NCW Libraries Distribution Center | 31,340  | 2    | \$9,402             | Complete                       | Complete    | Complete               | Yes                                          | Completed                        |
| 19                                    | Wenatchee Public Library          | 25,206  | 2    | \$7,562             | Complete                       | Complete    | Complete               | Yes                                          | Completed                        |
| 20                                    | JCPenney Store (Wenatchee)        | 75,567  | 1    | \$118,351           | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| <b>Wenatchee Valley College</b>       |                                   |         |      |                     |                                |             |                        |                                              |                                  |
| 21                                    | Batjer Hall                       | 40,784  | 2    | \$12,235            | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 22                                    | Brown Library                     | 33,756  | 2    | \$10,127            | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 23                                    | Mish ee twie                      | 78,000  | 1    | \$122,000           | Complete                       | Complete    | Complete               | On-Track                                     | In-Process                       |
| 24                                    | Music and Arts                    | 27,656  | 2    | \$8,297             | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 25                                    | Smith Gym                         | 25,901  | 2    | \$7,770             | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 26                                    | Student Rec Center                | 22,500  | 2    | \$6,750             | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 27                                    | Van Tassel                        | 24,640  | 2    | \$7,392             | Complete                       | Complete    | Complete               | Yes                                          | In-Process                       |
| 28                                    | Wenatchi Hall                     | 82,000  | 1    | \$128,000           | Complete                       | Complete    | Complete               | On-Track                                     | In-Process                       |

Energy Reduction  
**31%**  
Avoid a Huge Fine  
**\$1,285,305**

Energy Reduction  
**19%**  
Avoid a Huge Fine  
**\$668,730**

Energy Reduction  
**Just Getting Started**  
Avoid a Huge Fine  
**\$302,571**

# With Commerce's Support



APRIL 9, 2026

## Clean Buildings Bulletin



*Photo courtesy of Marisol Nava, Wenatchee High School*

### Student energy managers drive real-world energy savings

The Wenatchee High School Advanced Energy Management (AEM) program has had a remarkable first year. Paid high school interns, known as Student Energy Managers (SEMs), lead this program by helping clients navigate energy management and comply with the Clean Buildings Performance Standard (CBPS). Here's how the program has progressed.

The team is now switching their focus from Tier 1 to Tier 2 buildings for new clients and has had a notable win helping the NCW Libraries achieve early CBPS compliance, a concrete result that underscores the real-world value these students deliver.

For a Tier 2 building owner, the SEM team will help you with early compliance and your application(s) for the Tier 2 Early Adopter Incentive. If you're interested in having Student Energy Managers support your application, visit their website at [Advanced Energy Management \(AEM\)](#).



# Wenatchee's SEM Teams - New Focus



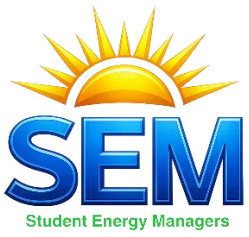
Helping Local Businesses to use Commerce's Early Adopter Incentive Money, reduce energy use, cost, and achieve CBPS Compliance to avoid the \$0.30/Sq Ft fine.

- **The SEM team is focusing on Tier 2 Buildings**
- **Support early compliance and early adopter incentive applications**
- **Starting with these 7 buildings, our goal is to add 50-60 more in Wenatchee & Chelan County**

| <u>Count</u> | <u>SEM Tier 2 Buildings - Clients</u> | <u>Status</u> | <u>Square Foot</u> |
|--------------|---------------------------------------|---------------|--------------------|
| 1            | Mt Meadows Senior Living              | New           | 44,000             |
| 2            | CVCH - Chelan, WA                     | New           | 20,868             |
| 3            | Saddlerock Church                     | New           | 36,000             |
| 4            | Omni Garden Business Parks            | New           | 35,000             |
| 5            | Davis Furniture                       | New           | 22,500             |
| 6            | Fleming Building                      | New           | 21,200             |
| 7            | Emerson Professional Building         | New           | 20,800             |

We are finalizing our growth plan to lead Washington state in supporting Tier 2 buildings achieve CBPS compliance. Our Tier 2 growth plan will launch in early June, so stay tuned for this next exciting chapter in our success.





# Thank You



# Questions?

