



Sustainability

NYAPPA

February 3, 2026

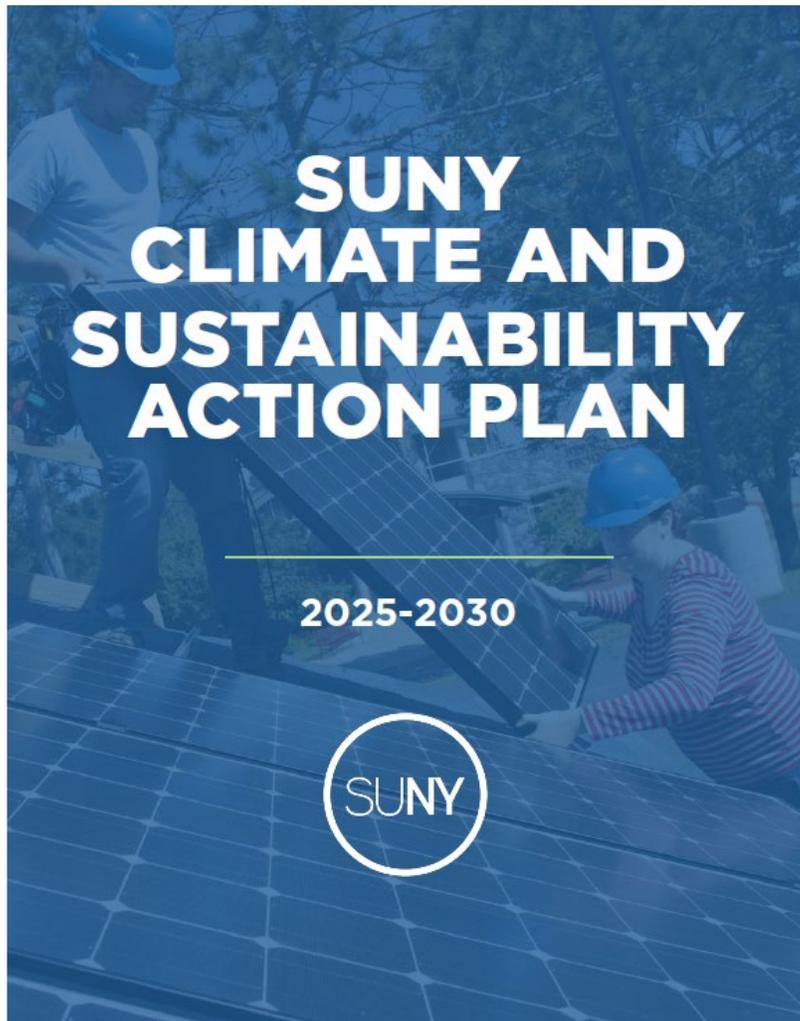


Agenda

1. SUNY Climate and Sustainability Action Plan
2. State policy review: EO22, BuildSmart, refrigerants, SUNY single-use plastics phase out policy
3. Resiliency study
4. Energy efficiency revolving fund



Strategic Plan Adopted in Early 2025



- 156 actions in 7 focus areas that include SUNY’s core mission of education, research, and workforce development as well as its energy and operational expertise
- **Developed** by experts across the system and refined by extensive feedback
- **Seeks support** by explaining why, not just how
- Includes a **comprehensive range** of actions across SUNY’s core functions and unique competencies:
 - Expanding climate classroom and applied learning
 - Doubling nation-leading climate and sustainability research
 - Expanding green job training programs
 - Sustainable operational practices
 - Building campuses that pioneer clean energy
 - Inclusive engagement on climate action for all SUNY

A Sustainable SUNY Campus

Clean Energy Buildings

- 1 Daylighting
- 2 Efficient/bird safe windows
- 3 Insulation
- 4 Low carbon concrete
- 5 Passive solar design
- 6 Natural light
- 7 PV panels
- 8 Parking lot with EV chargers/
geothermal systems
- 9 Heat pump/thermal energy network

Food Services

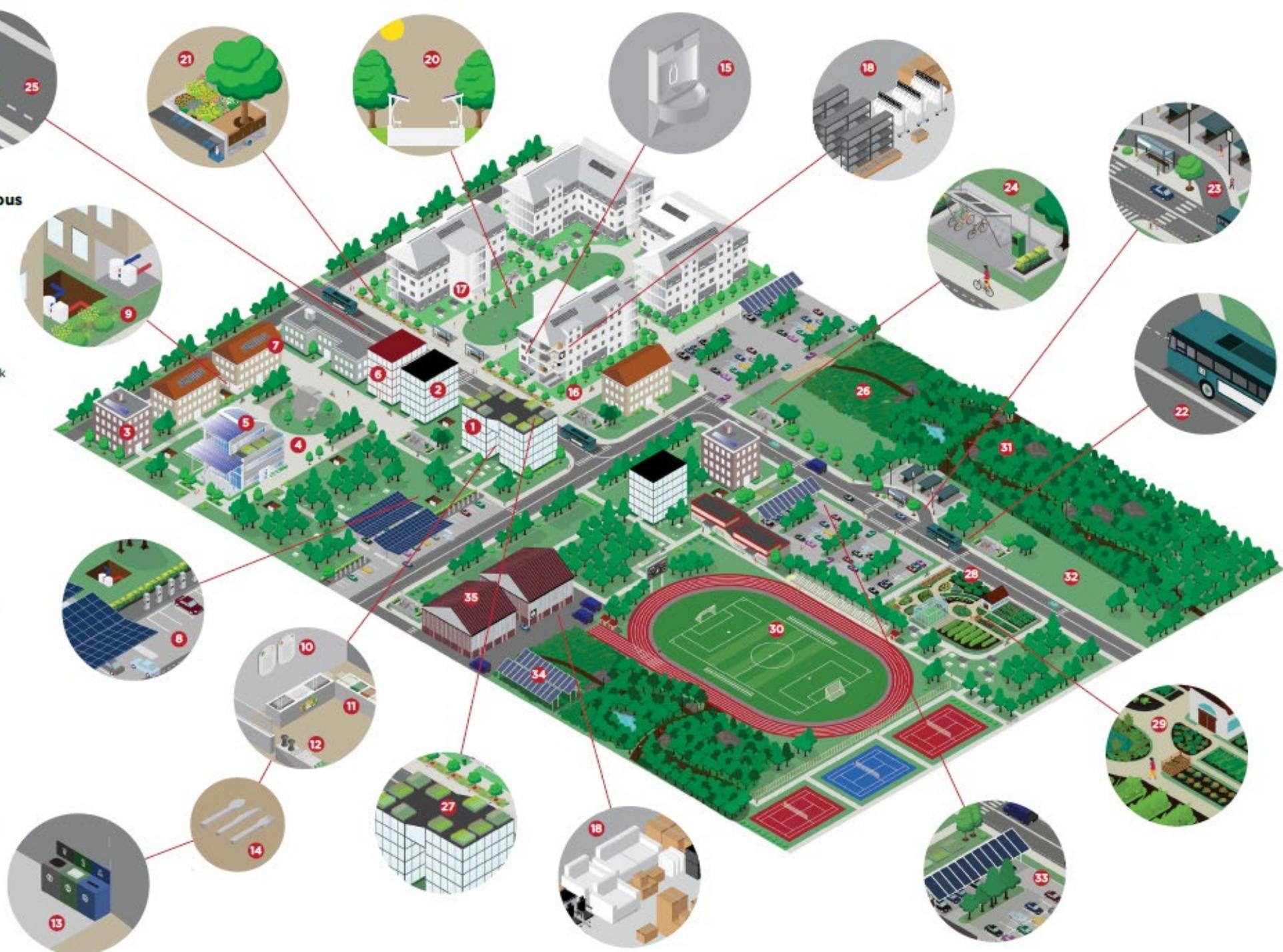
- 10 Plant forward menu
- 11 Locally sourced sustainable food
- 12 Reusable food containers
- 13 Recycling bins/compost
- 14 Compostable/reusable utensils

Residence Halls

- 15 Refillable water station
- 16 Interior/exterior bicycle storage
- 17 Recycling bins
- 18 Clothing swap room
- 19 Move out/furniture swap room
- 20 Cool corridors with permeable
pavement and shade trees
- 21 Green stormwater infrastructure/
Pollinator gardens

Outdoors & Transportation

- 22 Electric bus
- 23 Multi-modal hub
- 24 Bike share station
- 25 Bike path
- 26 Unmowed field green space
- 27 Green roof
- 28 Community garden
- 29 Composter
- 30 Sports field with stormwater
infiltration/storage below
- 31 Forest with walking trails
- 32 Organically managed landscape
- 33 Lot with solar PV canopies
- 34 Solar panels
- 35 Surplus storage warehouse





Integrating Facilities, Academics, Recruitment



<https://www.oswego.edu/news/story/geothermal-wells-powering-renewed-hewitt-hall-position-suny-oswego-leader-alternative-energy>

Geothermal wells powering renewed Hewitt Hall position SUNY Oswego as leader in alternative energy projects (November 4, 2025)

* * *

This project and commitment “enhances SUNY Oswego’s appeal to environmentally conscious students who seek a campus that mirrors their values and supports their aspirations,” [AVP for Facilities J. Mitchell] Fields said. “It also fosters a culture of engagement and pride among students, faculty and staff. Operationally, the university’s investment in energy efficiency and geothermal systems reduces long-term costs, allowing SUNY Oswego to redirect savings toward academic excellence, student services and campus improvements.”

Campus and state investments in the geothermal field and other initiatives reinforce Oswego’s reputation while enhancing competitiveness in areas including student recruitment, donor engagement and creating public-private partnerships, Fields added. These actions also open the door to additional state and federal funding for a university that is a proven and responsible steward of public resources.

“Perhaps most importantly, SUNY Oswego is preparing the next generation of sustainability leaders by offering students meaningful, hands-on learning opportunities in renewable energy, environmental science and climate-conscious design,” Fields said. “In doing so, the university is not just responding to the climate crisis — it’s shaping the solution.”



Managing Risks Across the Enterprise

What are the top risks for the campus?

How can facility, energy, and sustainability teams work with other units to mitigate campus risks?

Strategic

- Student success, engagement and retention

Financial

- Energy costs (rising and uncertain) in addition to enrollment risks; on the upside, access to outside sources (state and federal incentives)

Operational

- Incorporating climate projections informs planning and capital projects

Compliance

- Plastics, refrigerants, Food Scraps/Donation

Reputational

- Staying relevant academically, operationally, and in the built environment



Peer Recognition



Platinum



Gold



Silver



- **10 campuses** are on Princeton Review's Green College list, including **Stony Brook University (#16)**.
- **15 campuses** are now recognized in the AASHE STARS rating system, including new entrants **Cortland** (Silver rating), **Buffalo State** (Silver), and **Stony Brook University** (Silver).
- **Oneonta's** Alumni Hall received a LEED Platinum rating.
- **Binghamton University** is one of four national winners of AASHE's Campus Sustainability Achievement Award for Binghamton 2 Degrees, a collaborative program with the local community to address climate change.
- **SUNY Purchase** was selected for a 2025 EcoAward from Westchester County and the Department of Environmental Facilities for significant contributions to recycling and waste reduction, and for innovative and impactful eco-practices in the county.
- **Stony Brook University Hospital** was recognized as a top 25 sustainable hospital by Practice Greenhealth, and **Upstate Community Hospital** received a Practice Greenhealth Partner for Change award.

CSAP Status

- 91 of 156 action items are in implementation
- CSAP first year report: Earth Day (April 22) 2026

| CSAP 2025-2030 | 2025 | | | | | | | | | | | | 2026 | | | | |
|-------------------------------|------|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|--|
| Select Actions | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | |
| Campus CSOs | | | ▶ | | | | | | | | | | | | | | |
| Systemwide Resiliency Study | | | | | | | ▶ | | | | | | | | | | |
| SUNY-wide GHG accounting | | | | | | | | | | | | | | ▶ | | | |
| Climate Faculty Fellows | | | | | | | | | ▶ | | | | | | | | |
| Climate Research TF | | | | | ▶ Phase 1 | | | | | | | | ▶ Phase 2 | | | | |
| Outdoors for All | | | | | | | | | | ▶ | | | | | | | |
| Student Sustainability Awards | | | | | | | | | | | | | ▶ | | | | |
| Solar PPA(s) | | | | | | | ▶ | | | | | | | | | | |
| Efficiency Revolving Fund | | | | | | | | | | | | | ▶ | | | | |
| Plastics Phase Out | ▶ | | | | | | | | | | | | | | | | |
| EV Chargers | ▶ | | | | | | | | | | | | | | | | |
| Green Workforce | ▶ | | | | | | | | | | | | | | | | |



Implementation Funding

2025

- **\$240 million** in Bond Act or Sustainable Futures Fund for TENs (5 campuses)
- **\$2.6 million** in SUNY funds for green workforce programs (12 campuses) and **\$5 million** in NYPA funds for green microcredentials (12 campuses)
- **\$1.7 million** in Bond Act funding for reforestation (3 campuses)
- **\$25 million** energy efficiency revolving fund
- **\$1.4 million** in Federal IRA funding for 2023 EVs and geothermal
- **\$15 million** Federal grant for EV chargers (on hold pending litigation)

2026

- Will seek **\$120+ million** for decarbonization
- Will seek **\$5+ million** in NYPA workforce funds
- **EV charger** funding: up to \$50 million will be available from NYSERDA
- **Water:** \$3.75 billion from DEC funds
- **Transportation:** \$97 million from DOT for bicycle, pedestrian, trail, and school safety projects (application due 3/12/26)
- **Trees:** \$25 million in Bond Act funds
- Federal: 30% of project costs for **solar** (through 2027), **geothermal and energy storage** (through 2035); **Resiliency** grants
- Private: PPAs, other structures (EaaS)



Renewable Energy and Solar Power Purchase Agreements

- SUNY produces ~33,000 kWh of renewable energy per year, much of it through solar PPAs
- The goal of 66,000 kWh by 2030 will require additional renewable energy development, just as Federal tax credits are expiring
- State funding: \$40 million in Bond Act funding for solar canopies at Stony Brook University
- Private funding is critical, and a new wave of post-COVID PPAs is showing the way
 - Division of Military and Naval Affairs PPA by NYPA was approved by OSC/AG – 36.5MW at multiple sites
 - Oneonta PPA (1.125MW with NYPA) sent to OSC/AG
 - Stony Brook PPA RFP (2.5MW, campus-led) is out
 - Agrivoltaic project at SUNY Cobleskill (1.5MW with NYPA and funding from NYSERDA)
- Also looking at hydro offtakes, demand management, community solar, and other arrangements

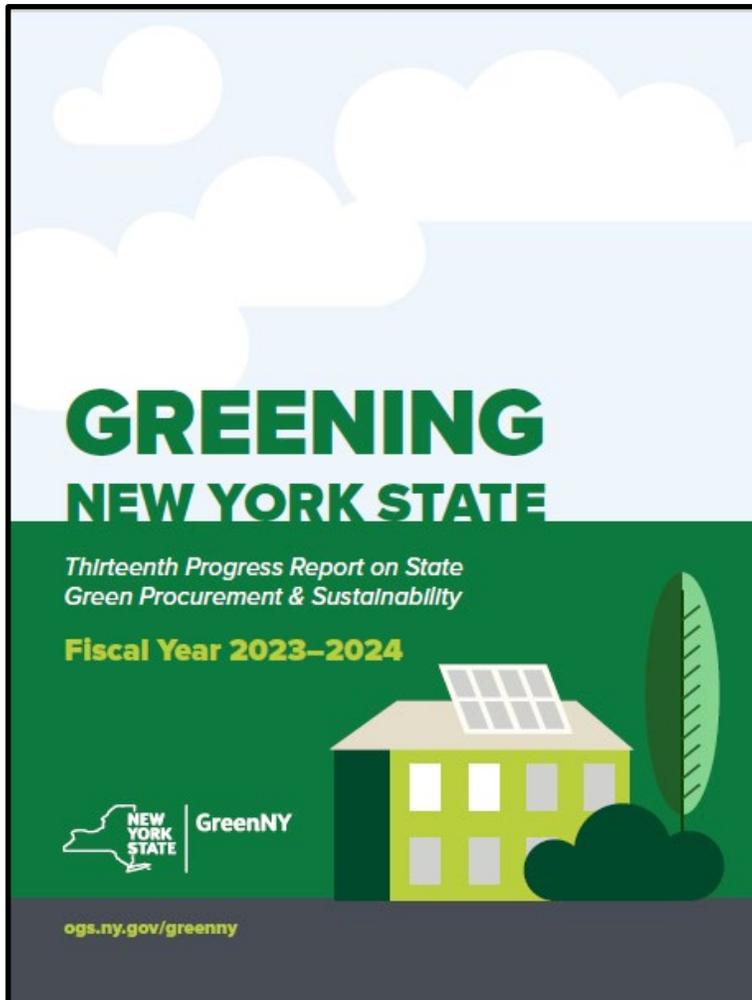


State Policy Review

- EO22 (including Build Smart)
- Refrigerants
- Embodied Carbon
- Life Cycle Analysis
- Climate Hazard Analysis



State Recognition: GreenNY Report (EO22)



SUNY efforts at state campuses are highlighted, including:

- **Water Conservation: University at Buffalo** installed two snow melt recapture areas.
- **Waste: ESF** adopted a resource exchange, a digital platform that enables faculty, staff, and students to post and view surplus property available for reuse on campus.
- **Energy: University at Albany** is replacing two chillers as part of the conversion to low temperature hot water and ground source heat pumps; **Binghamton University** replaced all fluorescent light fixtures in Marcy Hall with LEDs using a utility rebate.
- **Procurement:** The SUNY procurement office reduced paper from 625 million pages per year to 266 million pages, reduced printers from 197,000 devices to 47,000 devices, and reduced operating costs by \$20 million in maintenance and supplies.

E022 Reporting is Critical

Thank you

- Narratives
- Refrigerants
- Acreage managed
- Trees planted
- “other”
- Square feet of electric heating
- Pictures



What we can work on

- ZEV consistency
 - Match with Fleetwave
- EV charger consistency
 - Ports vs charger
 - Level





Build Smart 2025

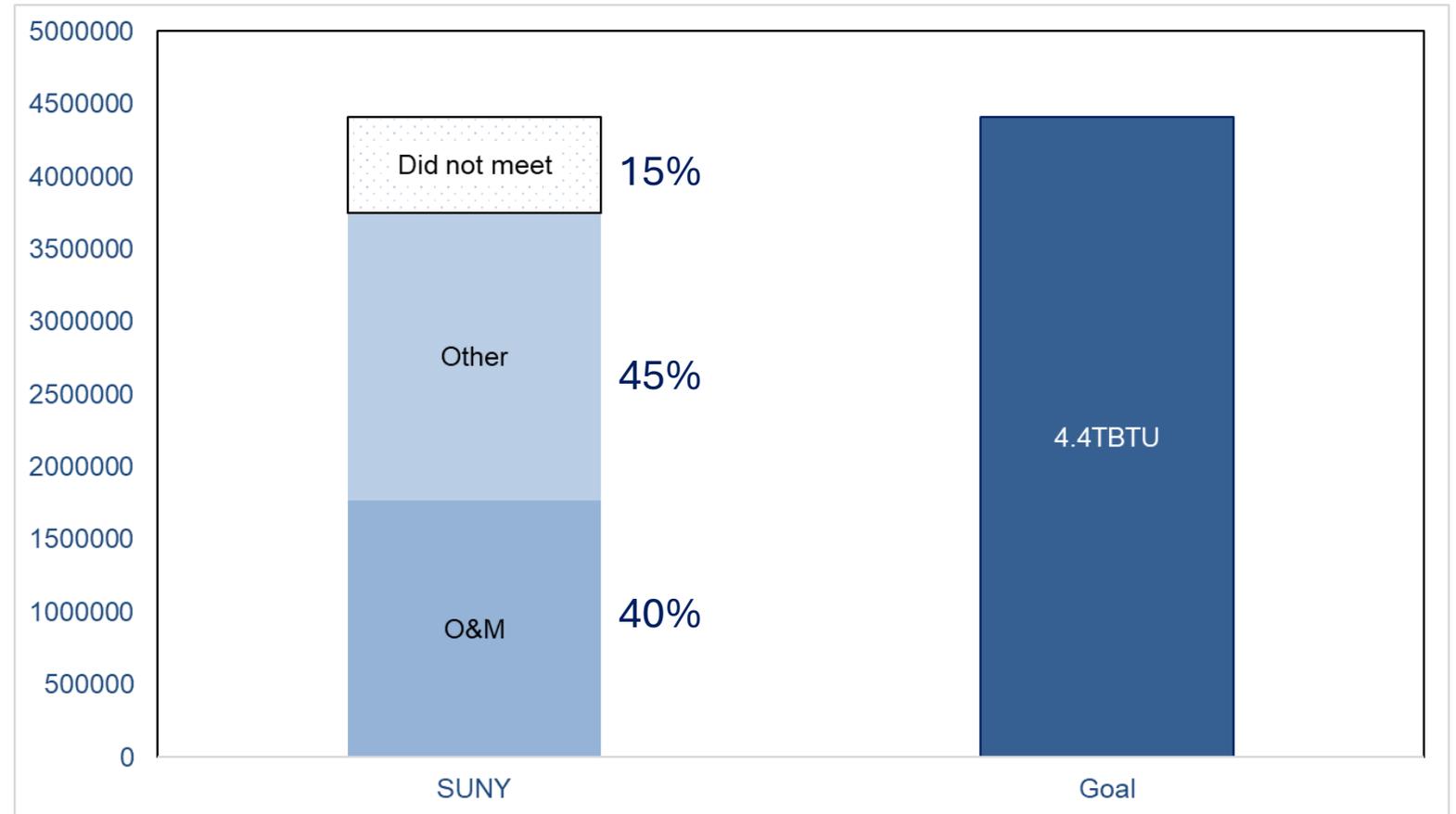
SUNY campuses were required to reduce 4.4 TBTU from 2015 to 2025 (compared to projections)

That is 39% of our annual load over 10 years (note EO88 was 20%)

Clean Energy Master Plans

Building level sub-metering plans and installation >25,000 sq. ft.

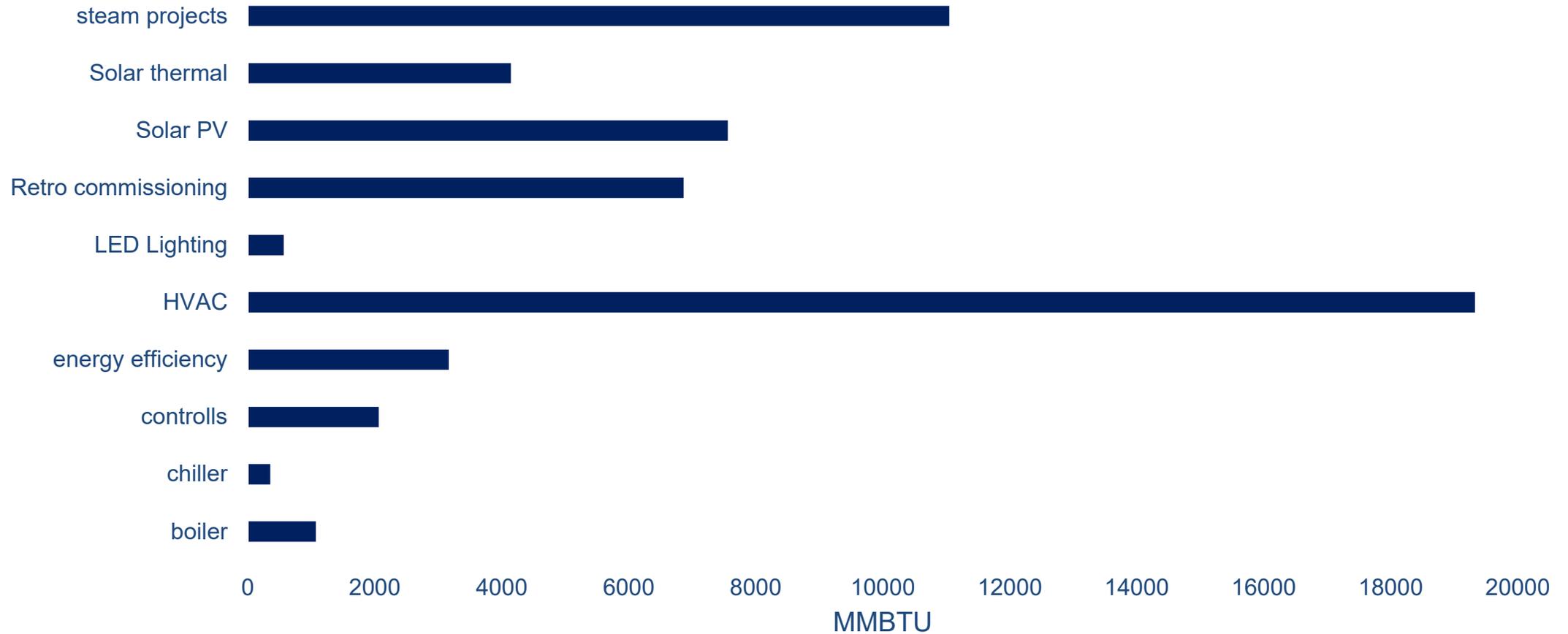
LEDs for every building





Build Smart Projects

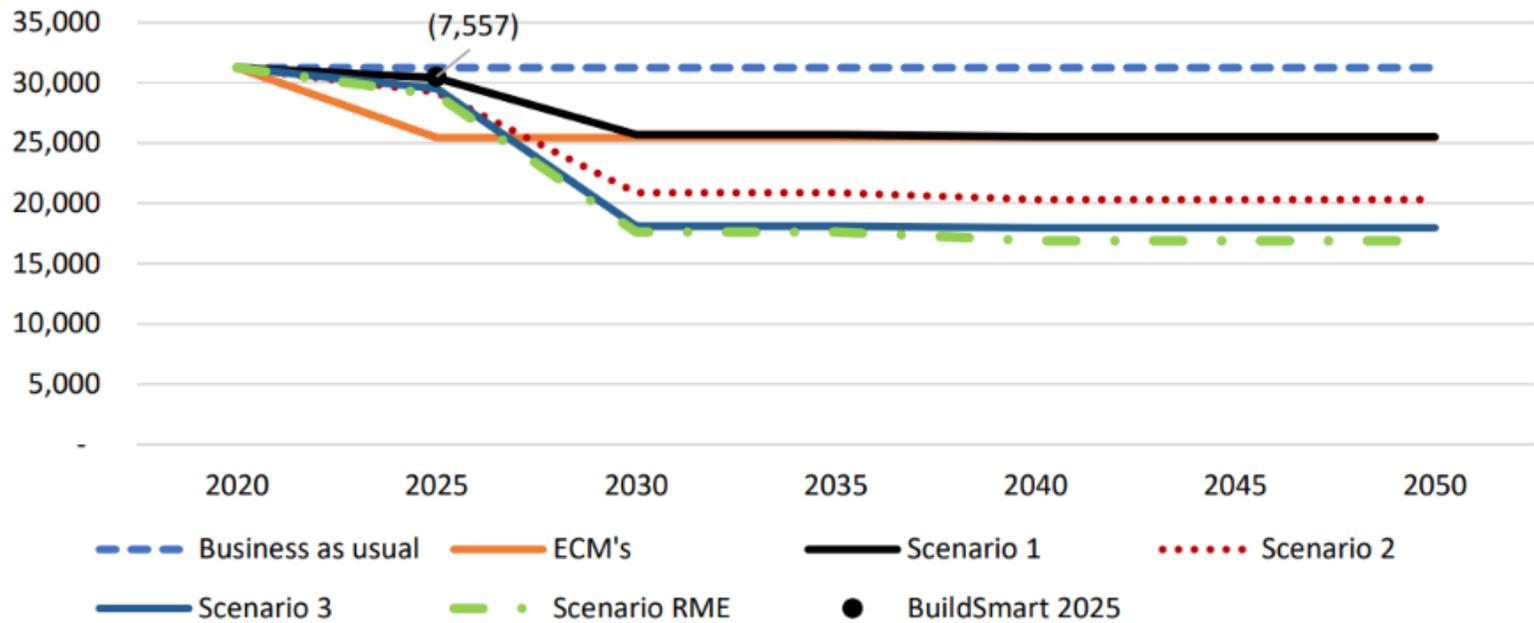
Energy Conservation Projects by NYEM Category



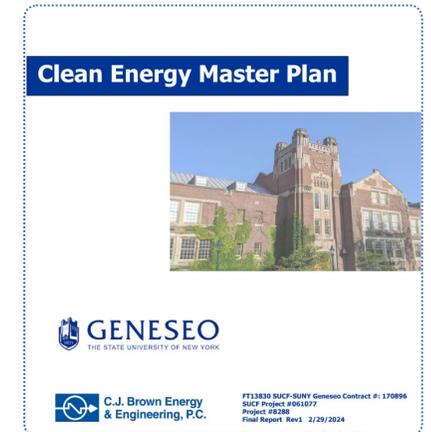
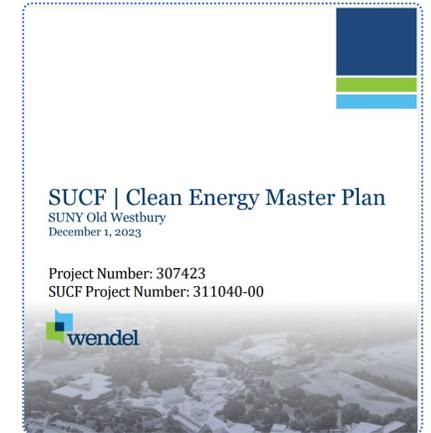
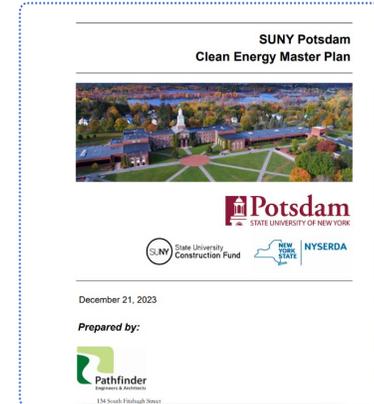


Build Smart Benefits

SUNY System Administration Site Energy Use in MMBTU



Clean Energy Master Plans





Build Smart 2030

Continue to update status of projects

Convert MMBTU savings into CO2e (NYPA)

Continue to add projects onto NYEM

SUNY will support – Sadie.Ross@suny.edu to update status and add more projects.

| Project Name | Status | 2nd Level ORG | Associated Facility | Project Category |
|---|----------------------------|---------------|---------------------------|---------------------------------|
| Retro-commissioning Phase 2 | Implementation in Progress | Oneonta | Main Campus - Oneonta | Energy Efficiency |
| Hewitt Hall Gut Rehab | Implementation in Progress | Oswego | Hewitt Union | LED Lighting |
| Misc. Fluorescent to LED Conversion | Implementation in Progress | Oneonta | Main Campus - Oneonta | Energy Efficiency |
| LED Lighting Retrofits - Aviation | Implementation in Progress | Farmingdale | Flightline | LED Lighting |
| Rehabilitate Science IV Ph 2 | Implementation in Progress | Binghamton | Science IV | Energy Efficiency Comprehensive |
| Roosevelt Chiller | Implementation in Progress | Farmingdale | Theo. Roosevelt | Chiller |
| LED Lighting Retrofits - Knapp | Implementation in Progress | Farmingdale | Knapp Hall | LED Lighting |
| LED Lighting Upgrades - Higgins | Implementation in Progress | Oneonta | Higgins | Energy Efficiency |
| 2025 Steam Trap Repairs & Insulation | Implementation in Progress | Farmingdale | Main Campus - Farmingdale | Energy Efficiency |
| Library LED retrofit | Implementation in Progress | Potsdam | Crumb Memorial Library | Energy Efficiency |
| Replace Campus Steam Distribution - Phase 2 | Implementation in Progress | | Main Campus - Farmingdale | Energy Efficiency |
| Miller Building - Renovate 2 and 3 Floors | Implementation in Progress | Cortland | Miller Admin | Energy Efficiency Comprehensive |
| Phase out Pneumatic controls | Implementation in Progress | Brockport | Main Campus - Brockport | Other |
| Veterinary Medical Center | Implementation in Progress | Cornell | Vet Medical Center | Solar PV |
| Replace HVAC Equipment | Implementation in Progress | Oneonta | Hunt College Union | Energy Efficiency |
| Renovate Maxcy Hall- Feild house | Implementation in Progress | Potsdam | Maxcy Hall | Energy Efficiency |
| Replace Roof | Implementation in | Oneonta | Huntington Hall | Energy Efficiency |

Refrigerants – Part 494

June 1, 2025: Registration of Lg Equipment

March 31, 2026: Annual Reporting of Lg Equipment

June 1, 2026 Registration of Md Equipment

March 31, 2027: Annual Reporting of Md Equipment

June 1, 2028 Registration of Sm Equipment

September 1, 2026: SF6 Phase-Out Exemption Request – Gas Insulated Equipment

Other Reporting

Embodied Carbon (State Ops)

- Are the instructions clear?
- Contracts have been updated for low GWP and reporting
- We advised Green NY Council not to change platforms

LCA Guidance (State Ops)

- Provided a lot of feedback
- Do you want to review?
- Roll out has been delayed
- When timeline is set OGS will provide webinar for feedback

C&D Waste

Current design directives require 50% diversion rate; contracts require reporting

Seeing an increase in interest for tracking from state and campuses



Community College Reporting

State operated had this incorporated into EO22 this year.

Community Colleges received the report for the first time.

- Providing a framework for “what is sustainability programming”
- Providing some support for decision making by showing SUNY priority
- Bringing priority to data tracking that had been “on the list”

Stress points with reporting

- No one wants all their efforts to come down to a number
- Without good tracking systems the numbers are not telling the story

Stress points with implementation

- Overwhelming
- Feeling like one campus is responsible for it all

Use SUNY resources like EnergyCap other platforms.

- Work together for common tracking processes and platforms.
- 30 goals for 64 campuses
- Find goals that align with student success and strategic priorities.
- Network with each other and state ops.



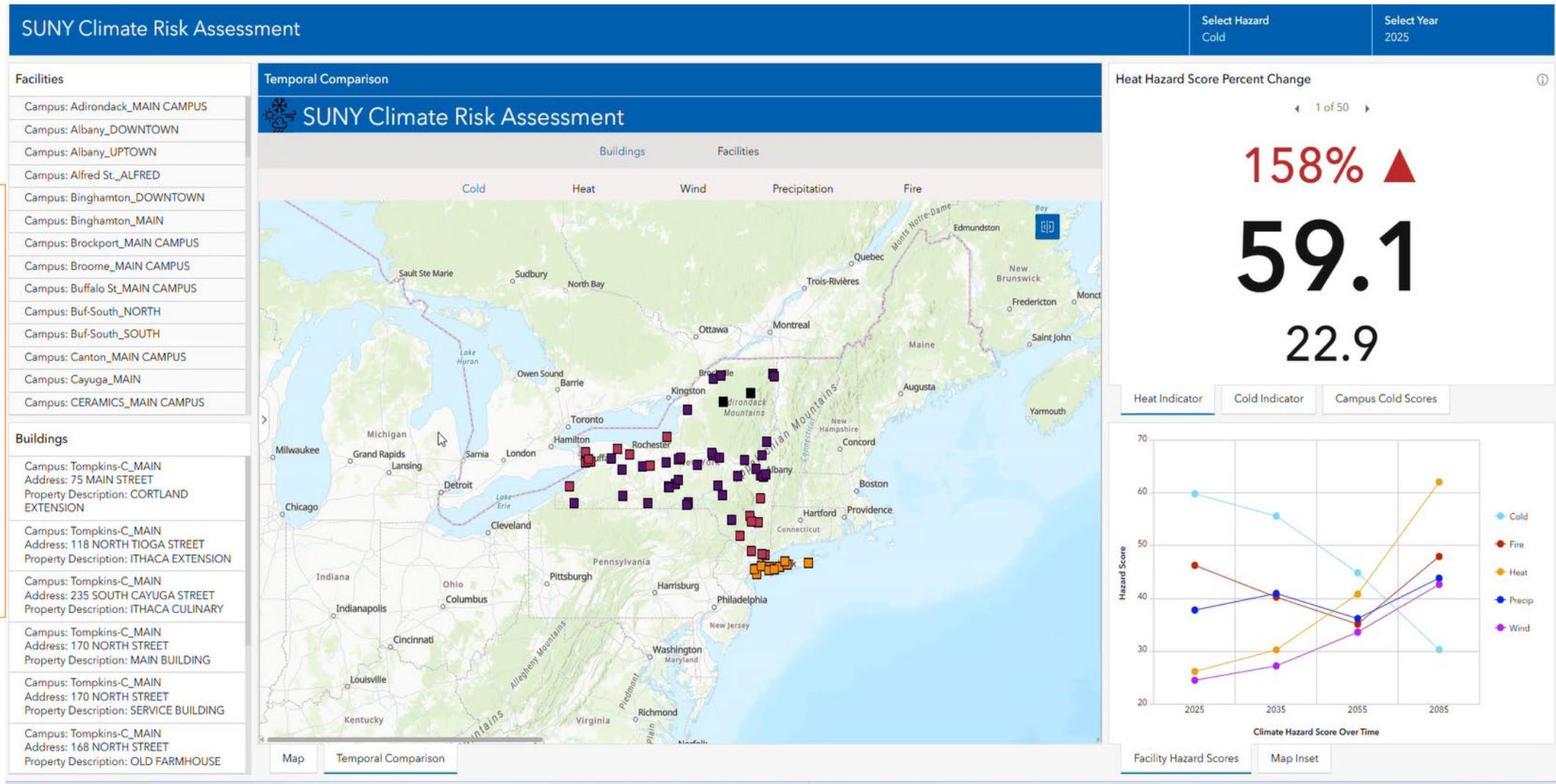
Plastics Policy Implementation

| Category Description | Baseline | 2023/24 | Change | % Change |
|-------------------------|-------------------|-------------------|--------------------|-------------|
| Bags | 12,930,952 | 5,501,674 | -7,429,278 | -57% |
| Ballons | 41,013 | 24,925 | -16,088 | -39% |
| Bottles | 23,651,435 | 23,359,762 | -291,673 | -1% |
| Food Containers | 23,099,219 | 12,927,766 | -10,171,453 | -44% |
| Straws, Stirrers, Plugs | 2,215,063 | 1,623,743 | -591,320 | -27% |
| Utensils | 11,892,522 | 7,102,727 | -4,789,795 | -40% |
| Plastic Wrap | 3,071,701 | 1,091,612 | -1,980,089 | -64% |
| Other | 1,797,233 | 1,355,734 | -441,499 | -25% |
| Total | 78,699,138 | 52,987,943 | -25,711,195 | -33% |

Resiliency Study



Final product user focus groups mid-March. Look for invitation in email.





Welcome Rebecca Erwin



- Energy Manager who will oversee the \$25 million Green Energy (i.e. energy efficiency) revolving loan fund created in the FY26 budget
- Comes to SUNY from the US Department of Energy, where she oversaw renewable energy grant programs
- Chemical Engineering degree
- Will be based in NYC



Green Energy Loan Fund

- Goal: finance energy efficiency and carbon reduction projects for SUNY's State-operated campuses.
- \$25 million is available over a five-year period, with \$5 million available in FY26

| Actions | February | March | April |
|--------------------------------|----------|-------|-------|
| Draft Documents | | | |
| Feedback Period | | | |
| Request for Proposals Release | | | |
| Webinar | | | |
| Application Review | | | |
| Project Selection Announcement | | | |



Requesting your input!

Green Energy Loan Fund Questionnaire



<https://forms.office.com/r/ZVhYu4Ra2K>



Leveraging the SUNY Sustainability Network and SUNY Office of Sustainability

- **Ideas, proven best practices, and models**
 - Operational sustainability and facility efficiency
 - Student, faculty, and administration engagement
 - AASHE applications
 - Solar PPAs and other RFPs
- **Compliance assistance**
 - Annual EO22, plastics, and other reporting
 - Waste audits, EV transition plans, other requirements
- **Information, data, and analysis**
 - Cross-walk between SUNY CSAP, EO22, and AASHE
 - Benchmarking (e.g., energy, fleet, procurement)
 - Studies (e.g., climate risk vulnerability study, cashflow analysis under CEMPs)
- **Funding requests**
 - Annual state budget
 - Agency grants
 - Green revolving fund



Discussion