



CSUCI STARS Gold

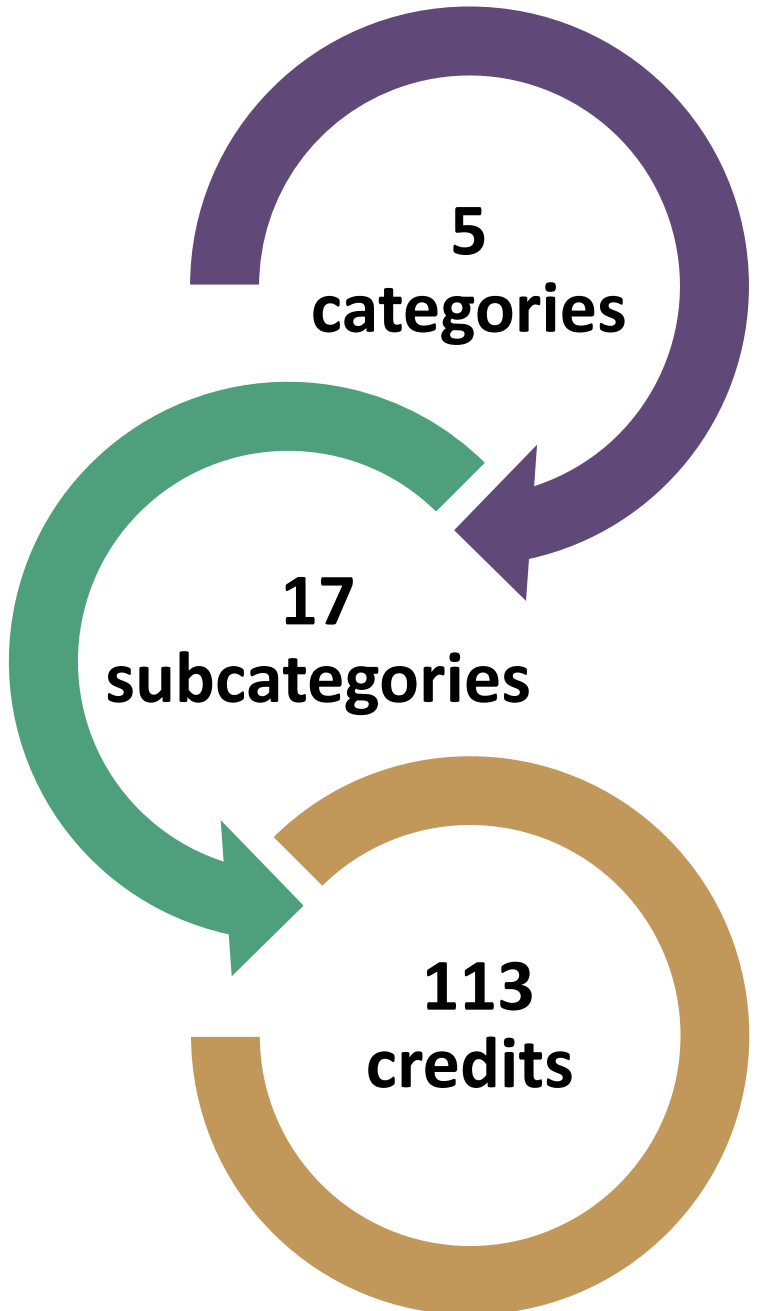
Summary of FY 2021-22 Sustainability Rating

What is STARS?

- **STARS is the Sustainability Tracking, Assessment and Rating System** – a transparent, self-reporting framework for colleges and universities to measure sustainability performance
- Institutions earn points toward a STARS Bronze, Silver, Gold, or Platinum Rating, or earn the STARS Reporter designation, representing significant sustainability leadership



The STARS Report
measures
sustainability
performance in:



5 STARS Categories



Academics



Engagement



Operations



Planning and Administration



Innovation and Leadership

17 STARS Subcategories

Curriculum

Research

Campus
Engagement

Public
Engagement

Air & Climate

Buildings

Energy

Food & Dining

Grounds

Purchasing

Transportation

Waste

Water

Coordination &
Planning

Diversity &
Affordability

Investment &
Finance

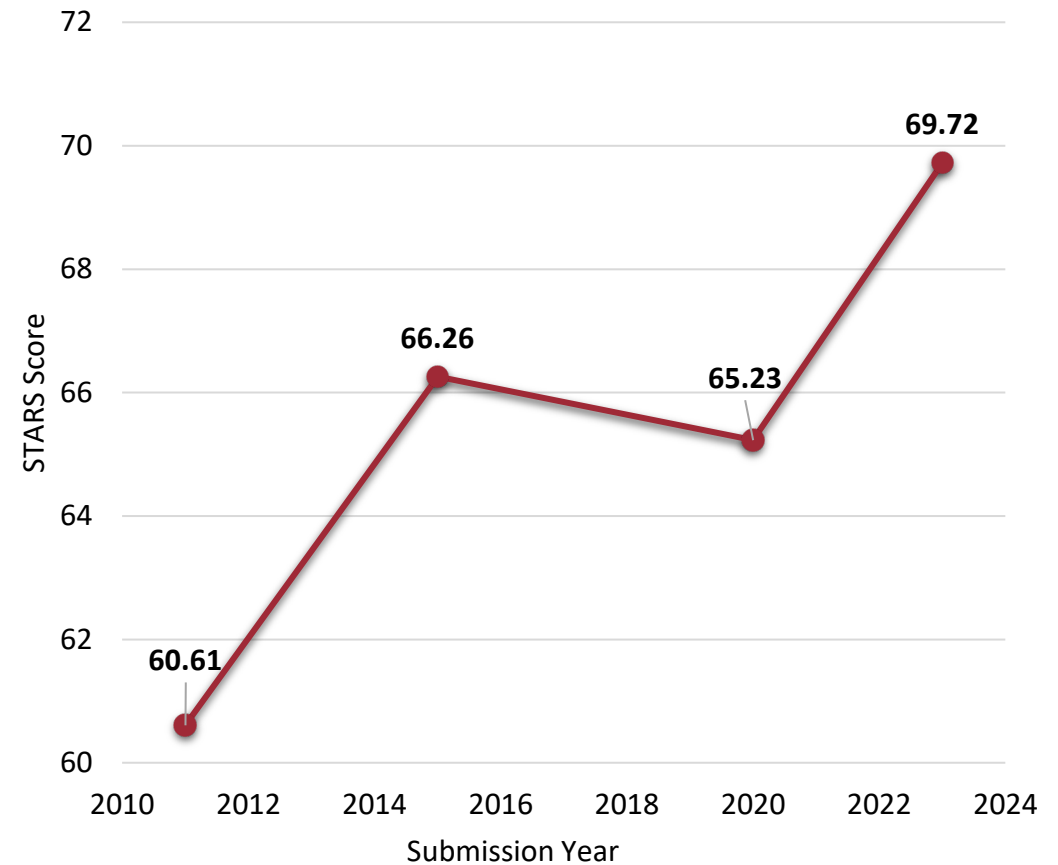
Wellbeing &
Work

CSUCI STARS Ratings

CSUCI first earned a **silver** rating in 2011. The campus progressed to a gold rating in 2014 and has since maintained that level.

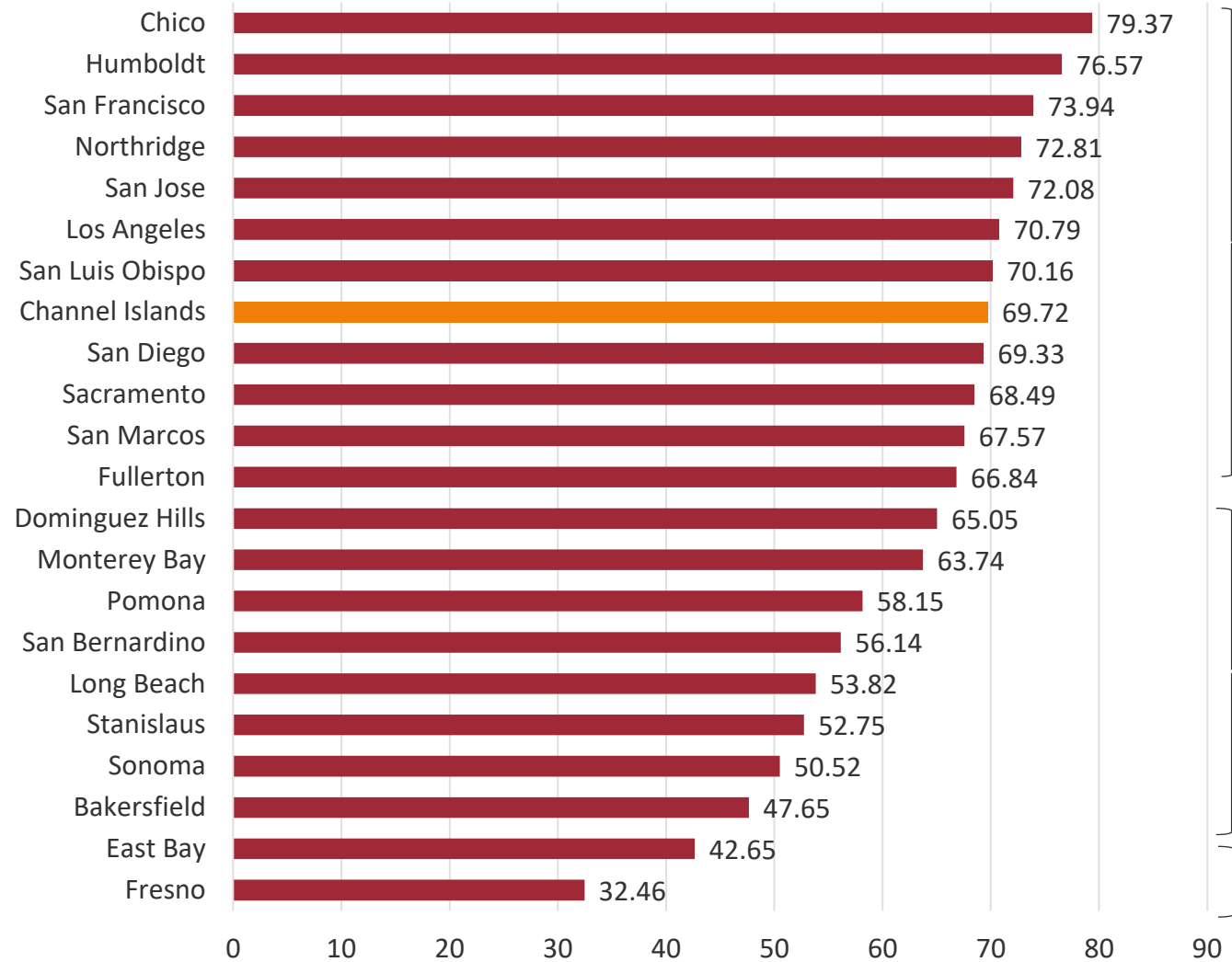
CSUCI's most recent report reflects programs and operations during the 2021-2022 fiscal year.

This report scored 69.72%, resulting in renewal of a **gold** STARS rating.

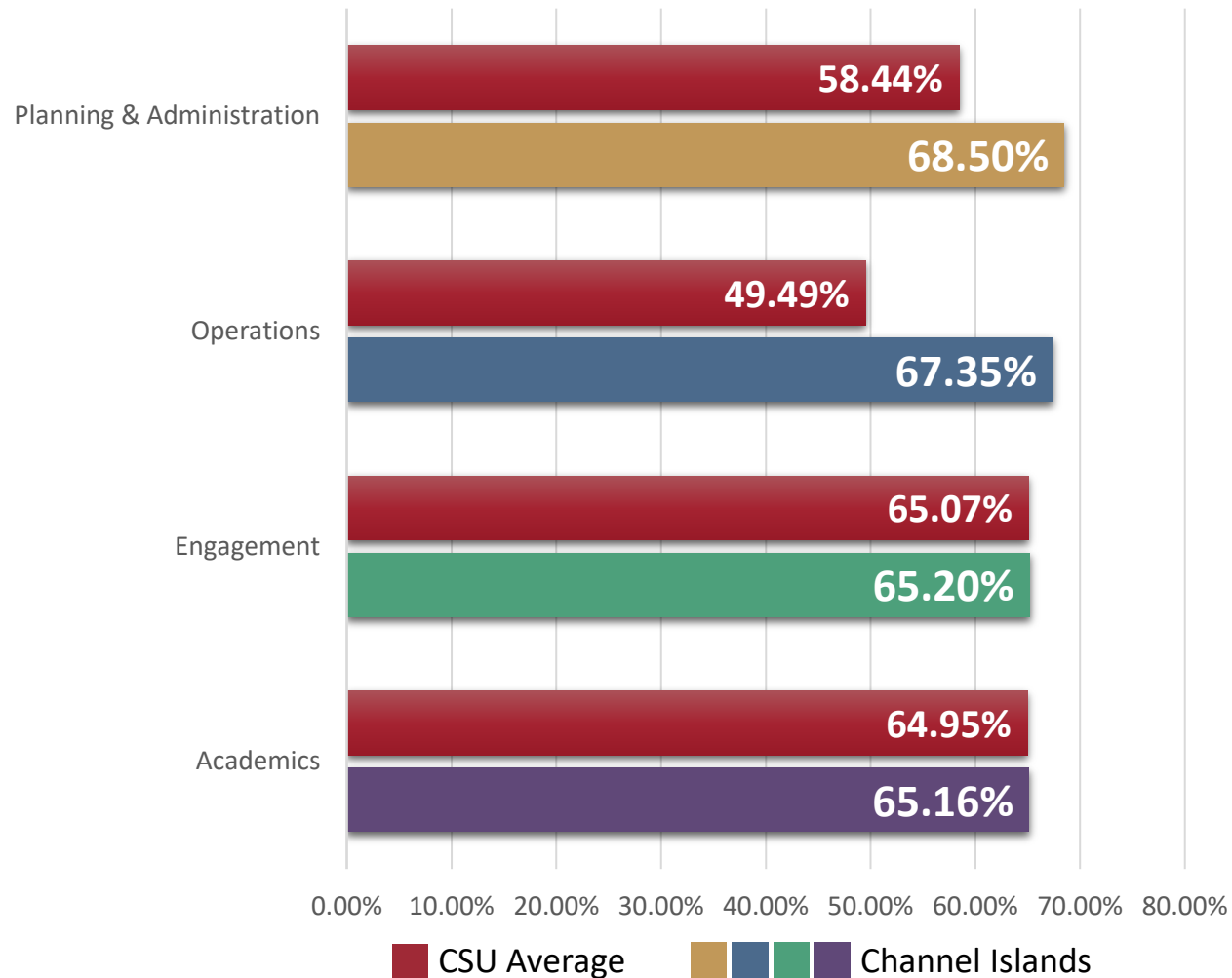


STARS Ratings Across the CSU

- STARS is used by the Chancellor's Office and Board of Trustees to assess sustainability performance throughout the CSU.
- CSUCI is the 8th highest scoring CSU in the STARS program as of July 2023.



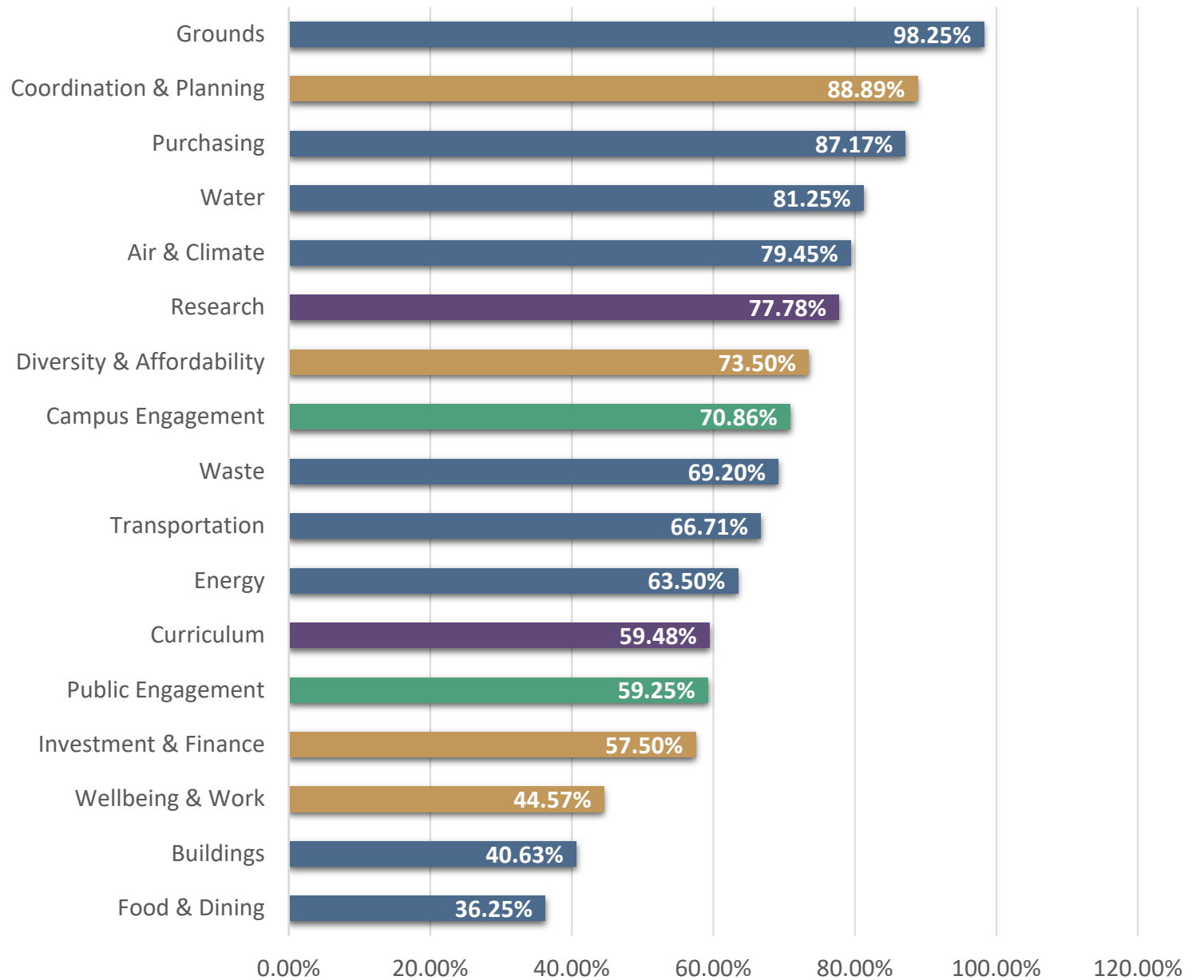
Scores by Category



CI performs evenly across the four main categories, indicating a balanced approach to sustainability across campus.

CI surpasses the CSU average scores in the Operations and Planning & Administration categories based on reports submitted before July 2023.

CSUCI's Performance by Subcategory



CSUCI's 5 highest scoring subcategories are:

- **Grounds** 3.93/4
- **Coordination & Planning** 8/9
- **Purchasing** 5.23/6
- **Water** 6.5/8
- **Air & Climate** 8.74/11



The areas with the greatest room for improvement include:

- **Food & Dining** 2.9/8
- **Buildings** 3.25/8
- **Wellbeing & Work** 3.12/7
- **Investment & Finance** 3.45/6
- **Public Engagement** 11.85/20
- **Curriculum** 23.79/40



A background image of a campus scene featuring a paved road, green trees, and a building with a tiled roof under a grey sky. Two black street lamps are visible. A white rectangular box is overlaid in the center, containing the title, and a dark red rectangular box is overlaid below it, containing the introductory text.

Proposed Actions

The following section features three proposed actions within each category that can enhance sustainability on campus and contribute to better scores in future STARS reports. Recommendations have been limited to three actions per category to maintain a focused approach to improvement, highlighting the most attainable actions and areas with the most room for advancement.



Proposed Actions: Academics



Offer incentives for students/faculty to conduct sustainability research

Develop a sustainability-focused graduate program



Conduct a Sustainability Literacy Assessment for students

Proposed Actions: Engagement



Improve tracking of community service hours performed

Create a peer-to-peer program for employees to learn about sustainability (i.e. Green Teams)

Conduct campus sustainability culture assessment every three years or more

Proposed Actions: Operations



Certify new construction and major renovations under green building standard, such as LEED



Increase percentage of “sustainable” foods purchased for campus dining (third party certified)



Increase percentage of recycled content and FSC certification in paper purchases



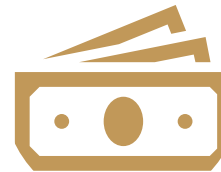
Proposed Actions: Planning & Administration



Include student and faculty representatives on the Finance and Investment Committee



Increase percentage of employees earning a living wage



Publish more detailed investment portfolio report



Proposed Actions: Innovation & Leadership



Designate
sustainability courses
in the course catalog



Participate in the
LGBTQ-Friendly
Campus Pride Index



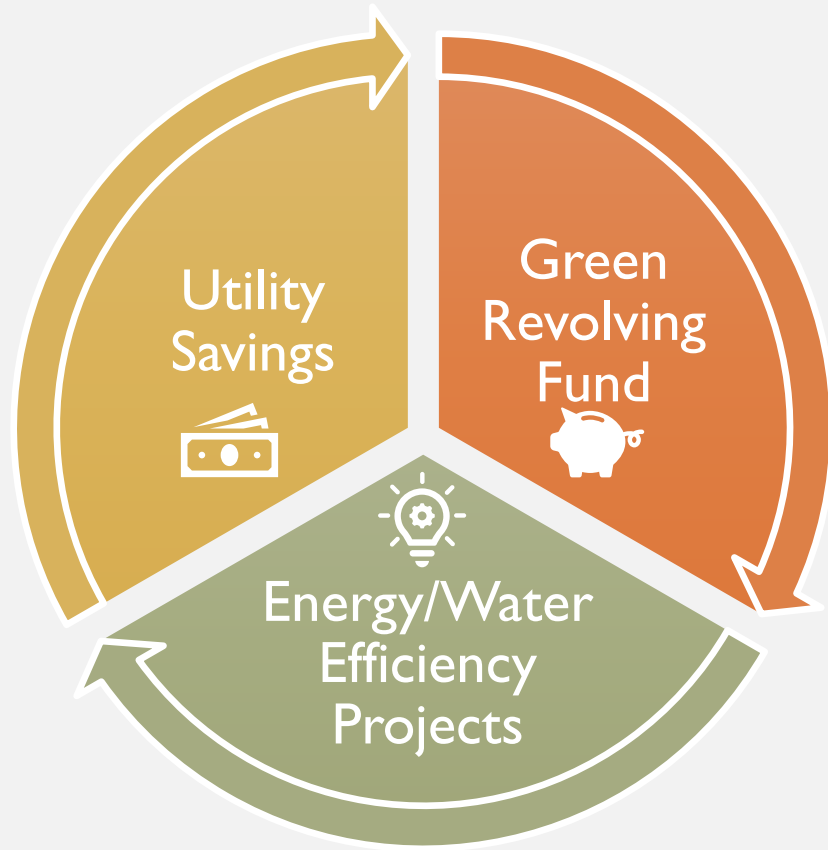
Pursue Voter Friendly
Campus designation

Summary of Proposed Actions

Academics	Engagement	Operations	Planning & Administration	Innovation & Leadership
Integrate sustainability throughout the curriculum	Improve tracking of community service hours performed	Certify new construction and major renovations under green building standard, such as LEED	Include student and faculty representatives on the Finance and Investment Committee	Designate sustainability courses in the course catalog
Develop a graduate program with sustainability integration	Create a peer-to-peer program for faculty/staff to learn about sustainability (i.e. "Green" Teams)	Increase percentage of "sustainable" foods purchased for campus dining (third party certified)	Increase percentage of employees earning a living wage	Participate in the LGBTQ-Friendly Campus Pride Index
Conduct a Sustainability Literacy Assessment for students	Conduct campus sustainability culture assessment	Increase percentage of recycled content and FSC certification in paper purchases	Publish more detailed investment portfolio report	Pursue Voter Friendly Campus designation



GRF OVERVIEW



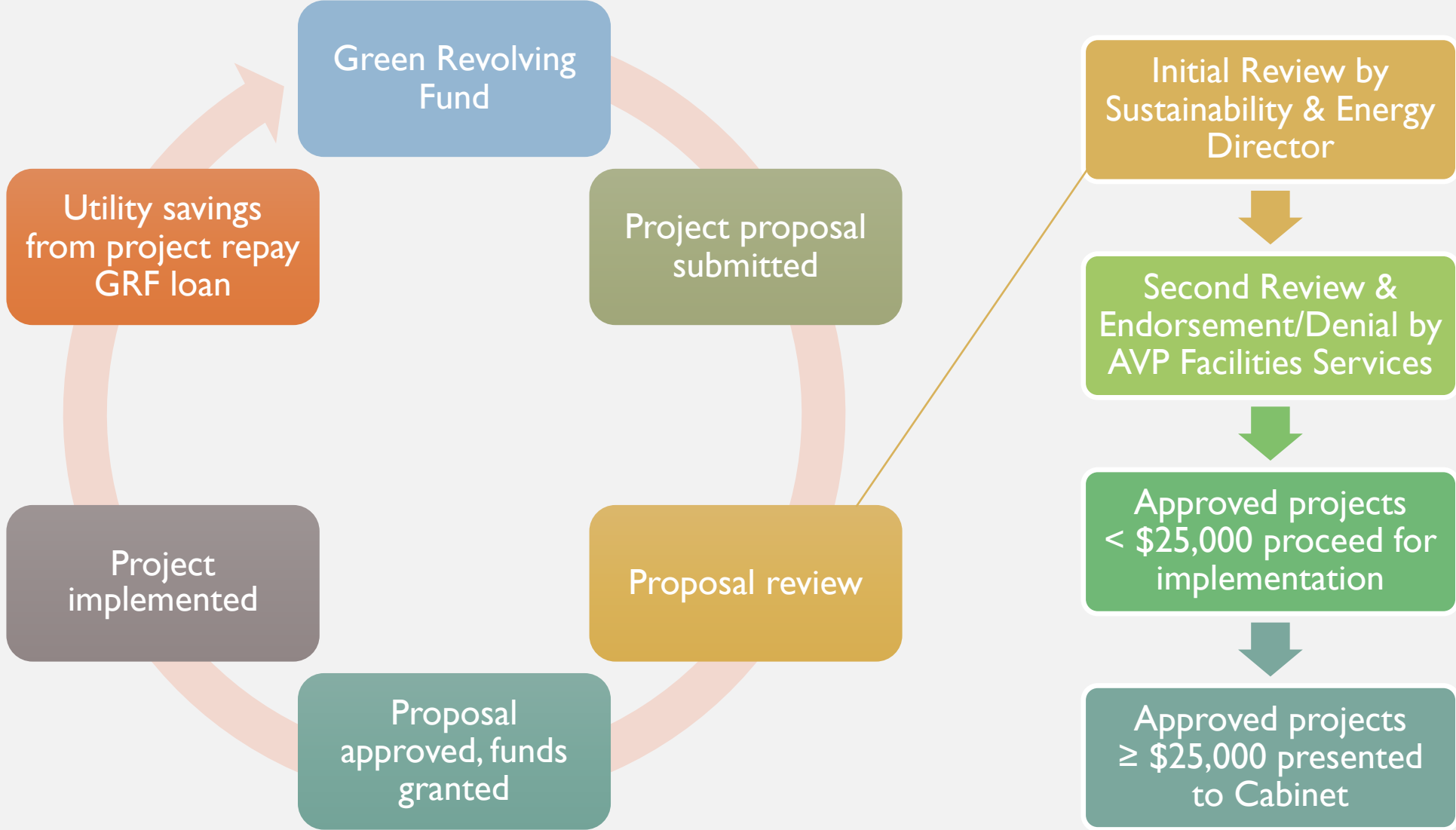
Green Revolving Fund (GRF) started with one-time seed funding: **\$250,000**

- GRF is an internal fund to finance energy/water efficiency projects
- Projects must have a **measurable** return on investment
- Utility savings achieved by the project are used to repay the project loan

Learn more and apply at

<https://www.csuci.edu/sustainability/grf.htm>

HOW DOES IT WORK?



Excerpt From:

GARDIAN[®]

FY18-22 ROPA+ Final Presentation

Cal State Channel Islands

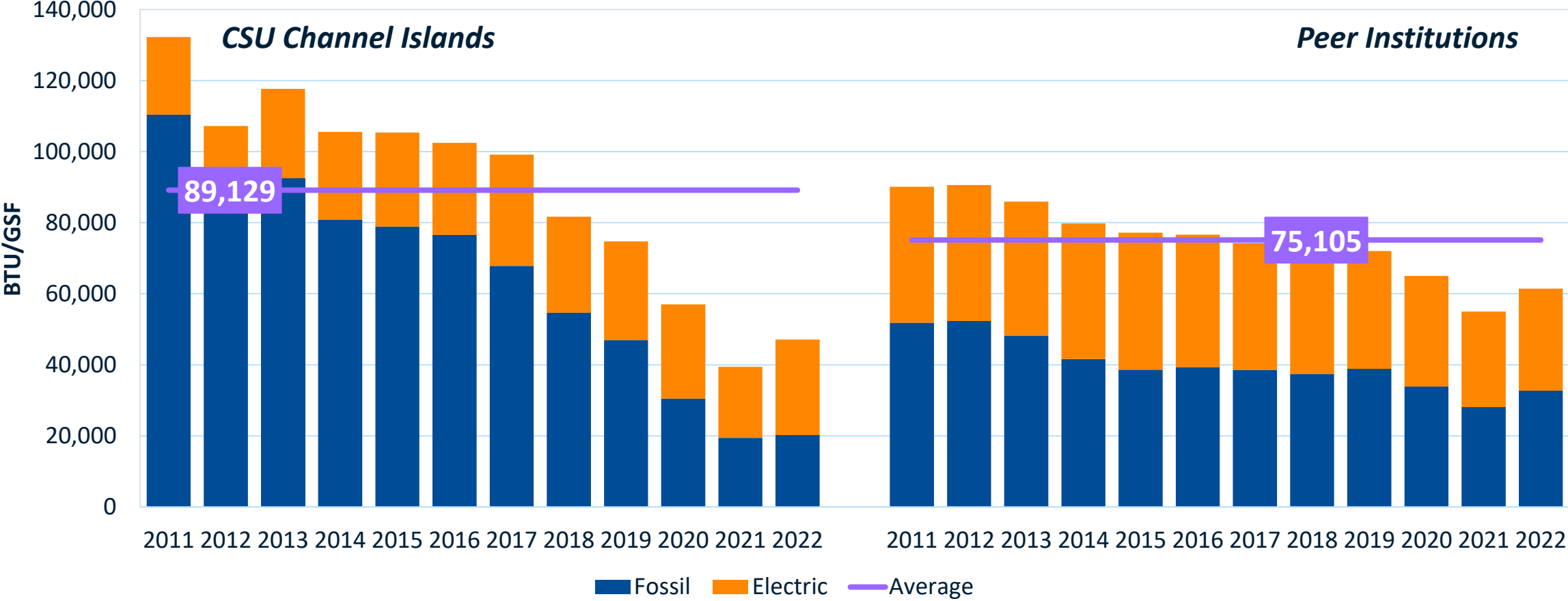
10/09/2023

University of Southern
University of Southern Maine
University of St. Thomas
University of Tennessee, Knoxville
University of Texas - Austin
University of Texas at Dallas
University of Texas Health
University of Texas Rio Grande Valley
University of the Sciences in Philadelphia
University of Toledo
University of Vermont
University of Washington
University of West Florida
University of Wisconsin - Madison
Vanderbilt University
Virginia Commonwealth University
Wake Forest University
Washburn University
Washington State University
Washington State University - Tri-Cities Campus
Washington State University - Vancouver
Washington University in St. Louis
Wayne State University
Wellesley College
Wesleyan University
West Chester University
West Virginia Health Science Center
West Virginia University
Western Oregon University
Westfield State University
Widener University
Williams College
Worcester Polytechnic Institute
Worcester State University
Xavier University

Energy Consumption vs. Peers

Addition of solar panels and efficient boilers resulted in reduced energy consumption

Total Utility Consumption by Fuel Type

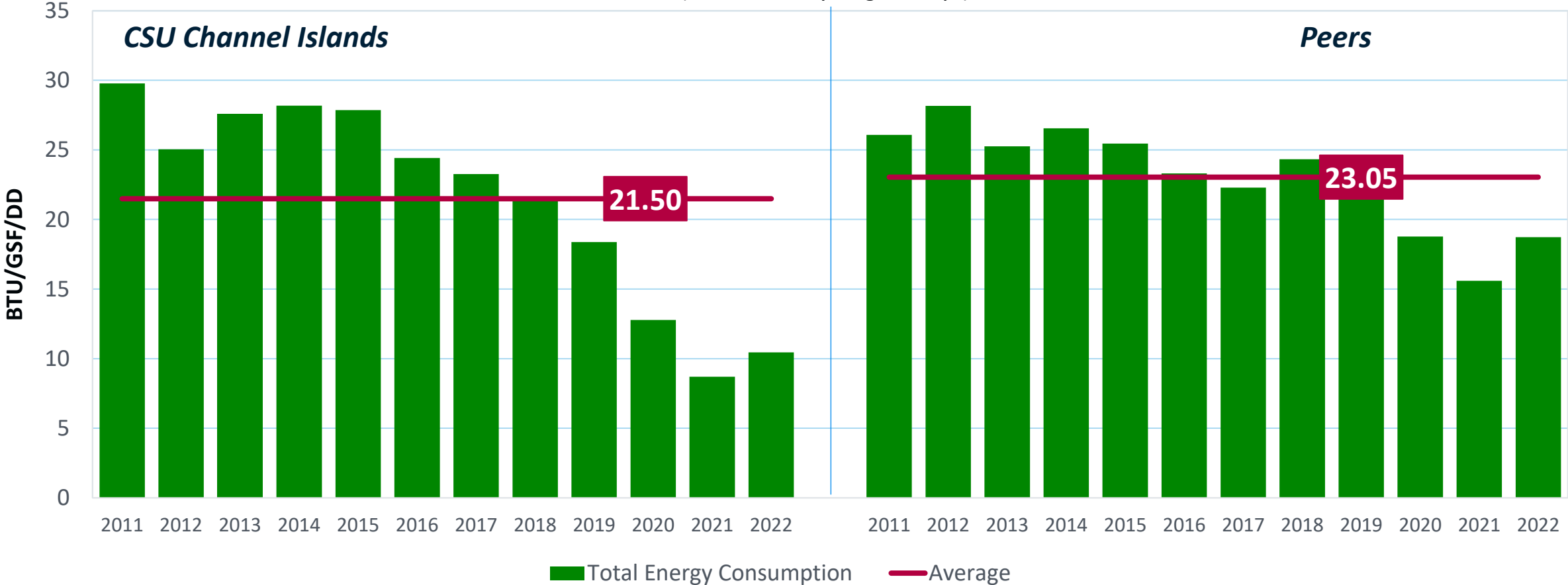


Total Energy Consumption Normalized by Degree Days

CSUCI has decreased their energy consumption below the peer average since FY18

Total Energy Consumption vs. Peers

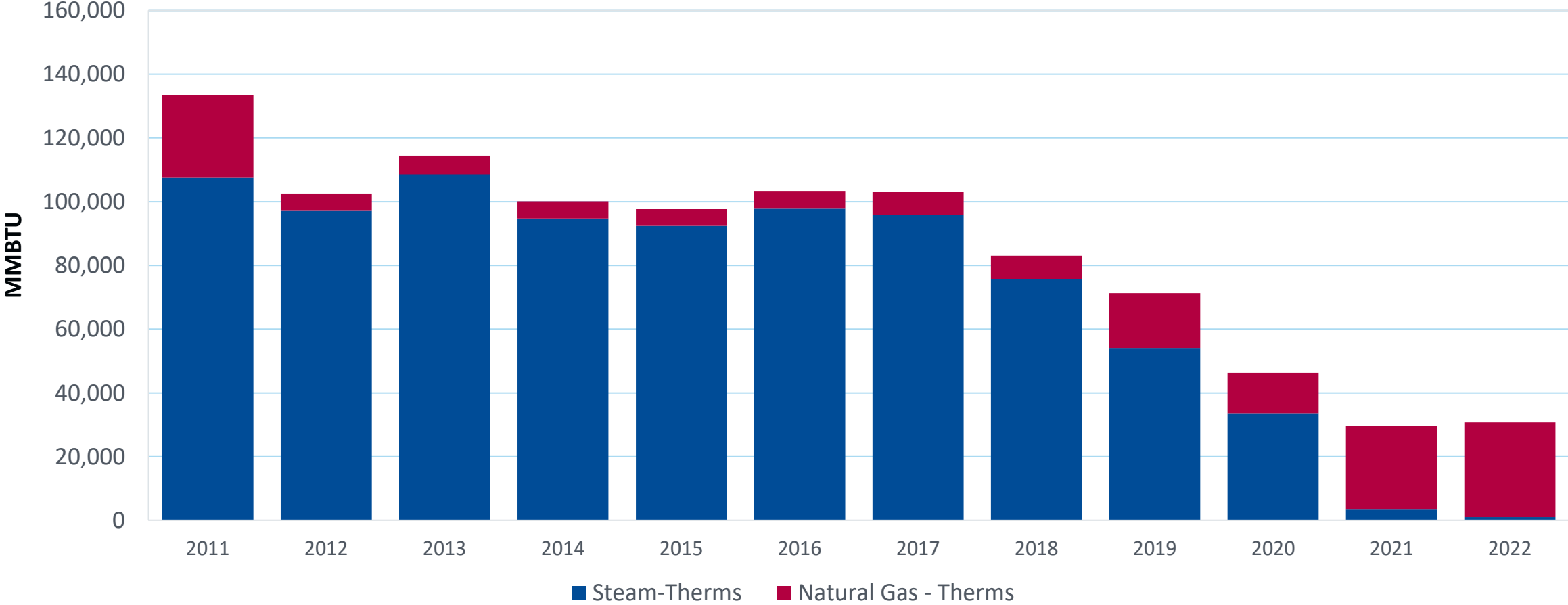
(Normalized by Degree Days)



Fossil Consumption by Type at CSUCI

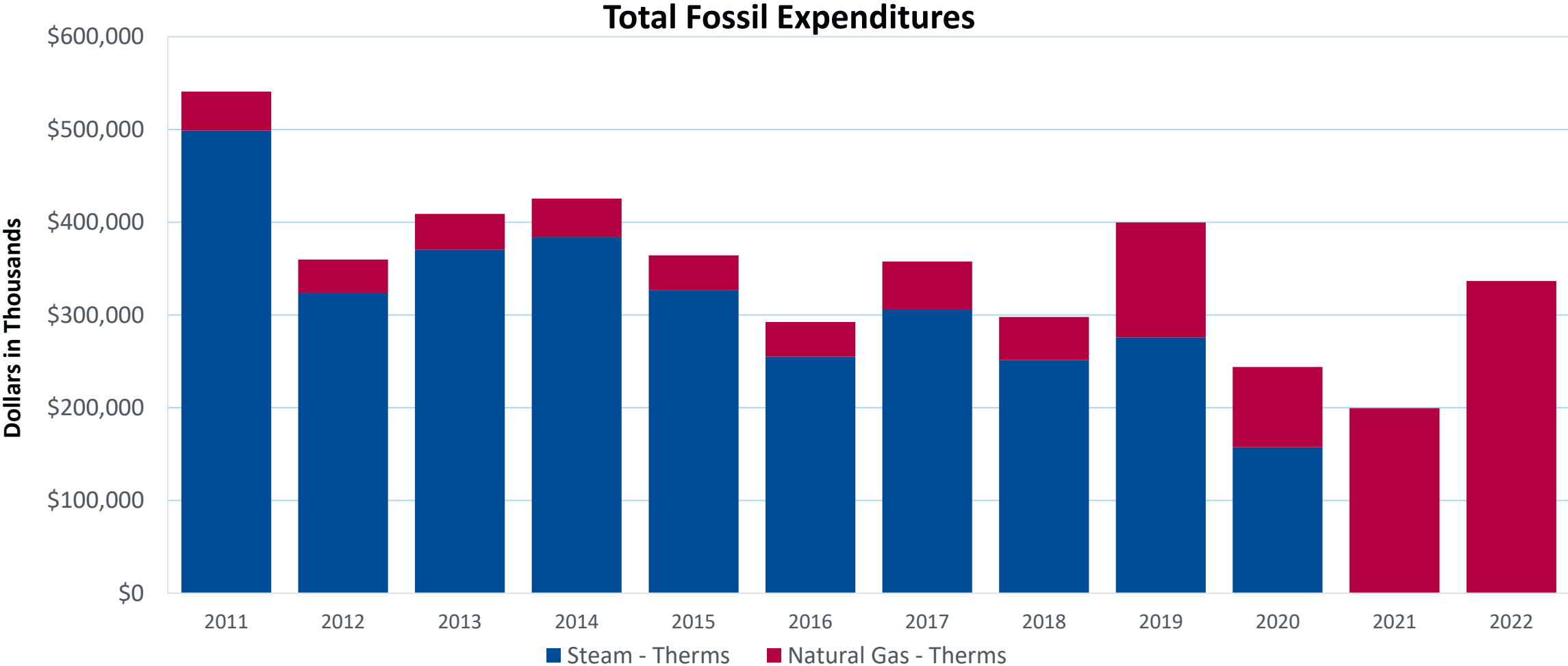
Following the end of steam production on campus, fossil usage declined significantly

Total Fossil Consumption



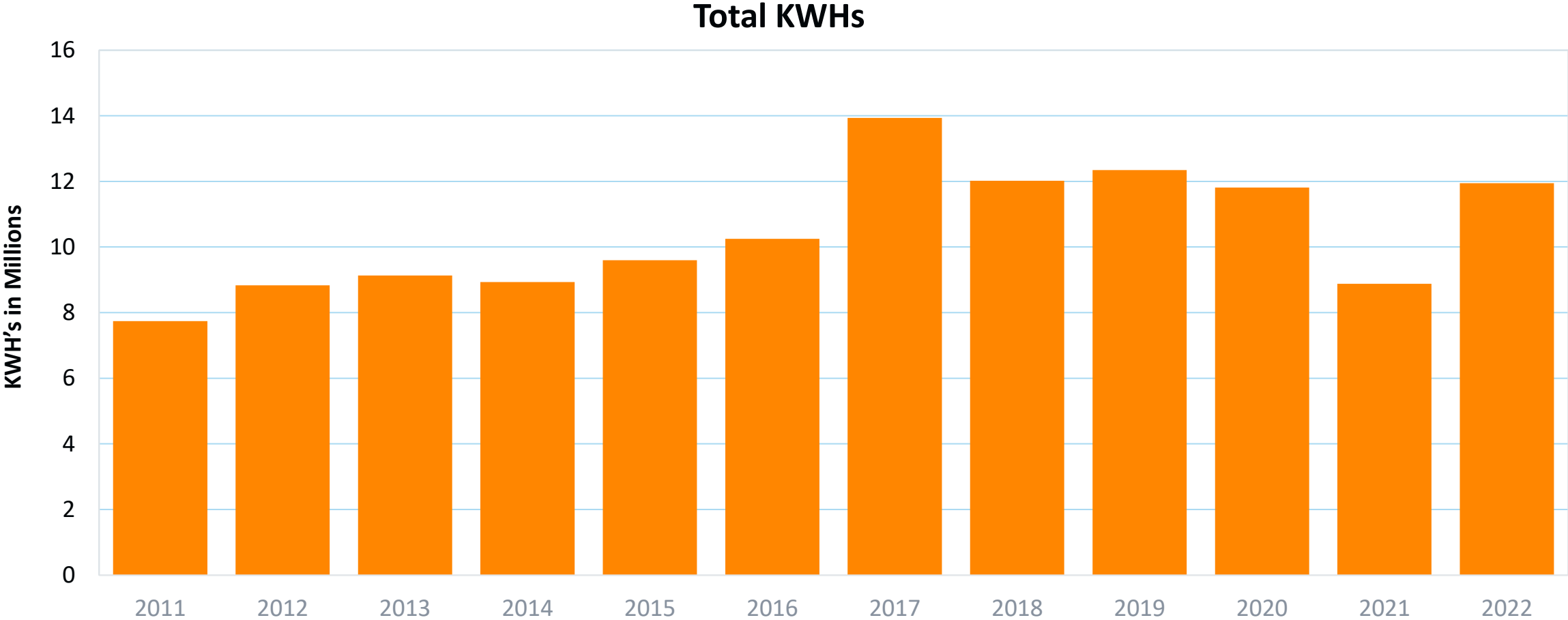
Fossil Fuel Expenditures by Type at CSUCI

Natural gas costs increased exponentially in FY22



Electricity Consumed by Campus

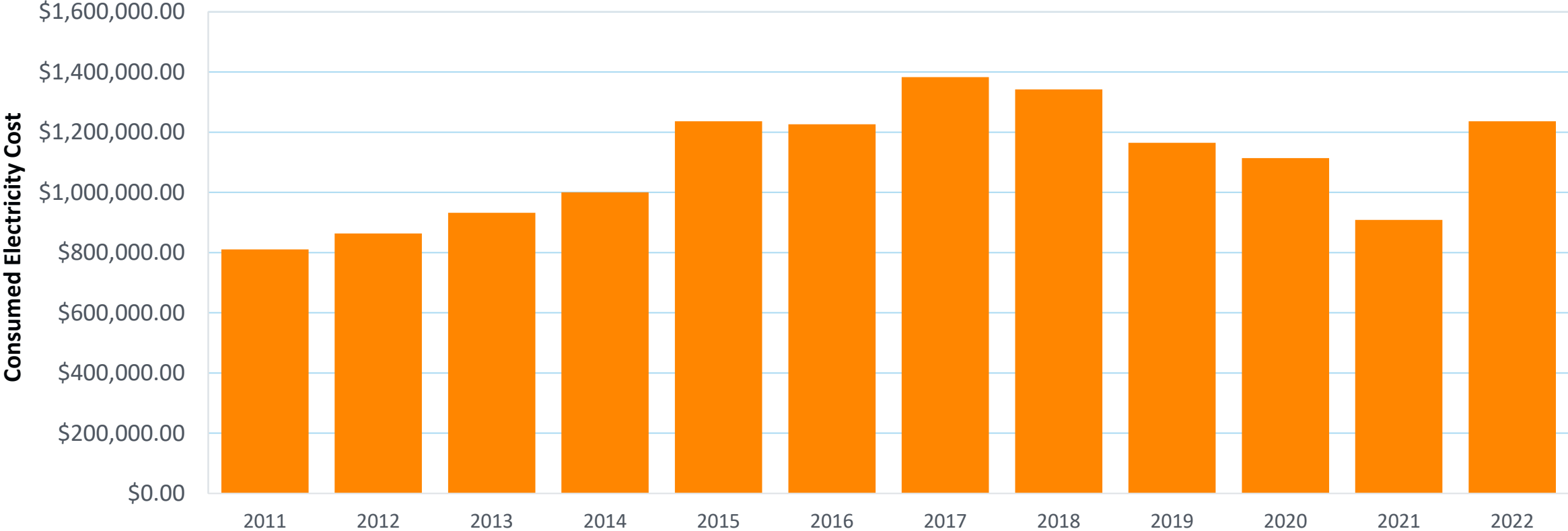
Electricity consumption has increased by 54% since 2011



Cost of Electricity Consumed on Campus

FY22's electricity cost reversed recent five-year declining trend

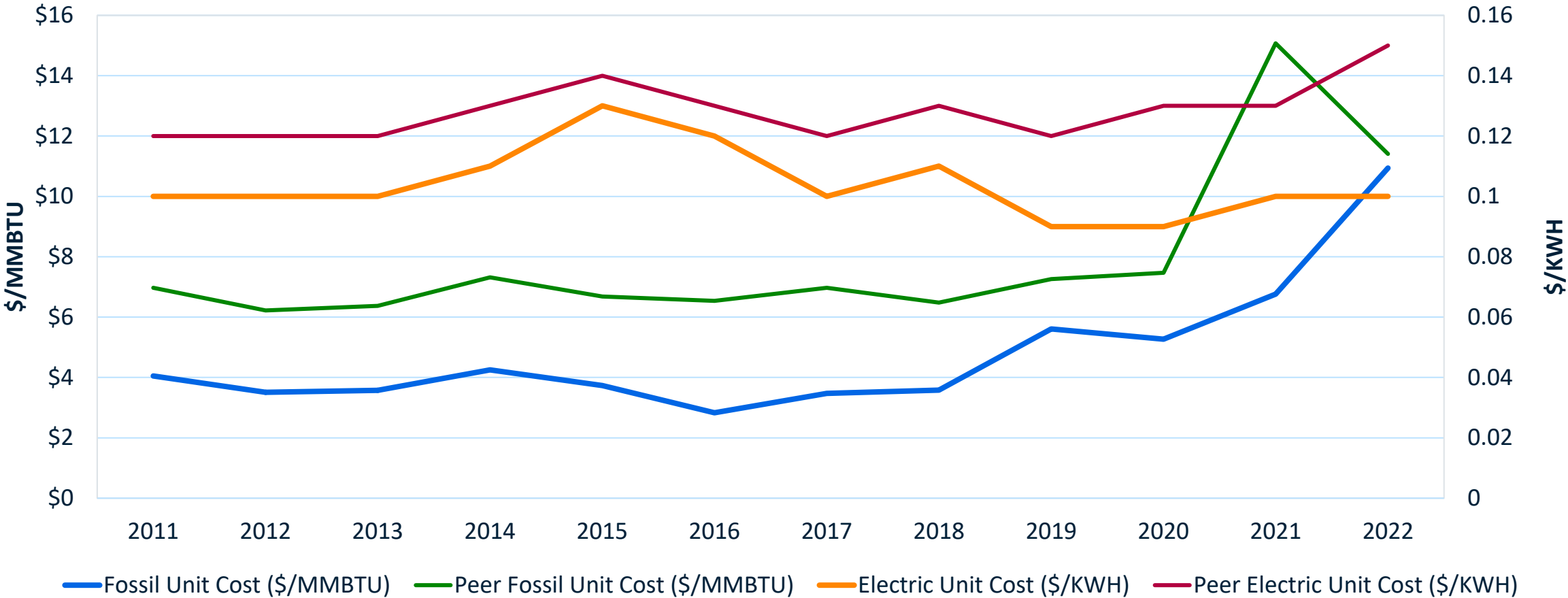
Total Electricity Cost



Energy Unit Cost by Fuel Type

CSUCI has seen a spike in fossil unit cost, with costs now being similar to peers

Energy Unit Cost by Fuel Type





To learn more about sustainability at CSUCI, visit www.csuci.edu/fs/sustainability or email SustainableCI@csuci.edu

Report prepared by Roxane Beigel-Coryell, Sustainability & Energy Director.
July 20, 2023