



Stony Brook *University*

INFRASTRUCTURE, PARKING AND STUDENT HOUSING – AN UPDATE

for
University Senate

by
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Senior Vice President for Finance & Administration

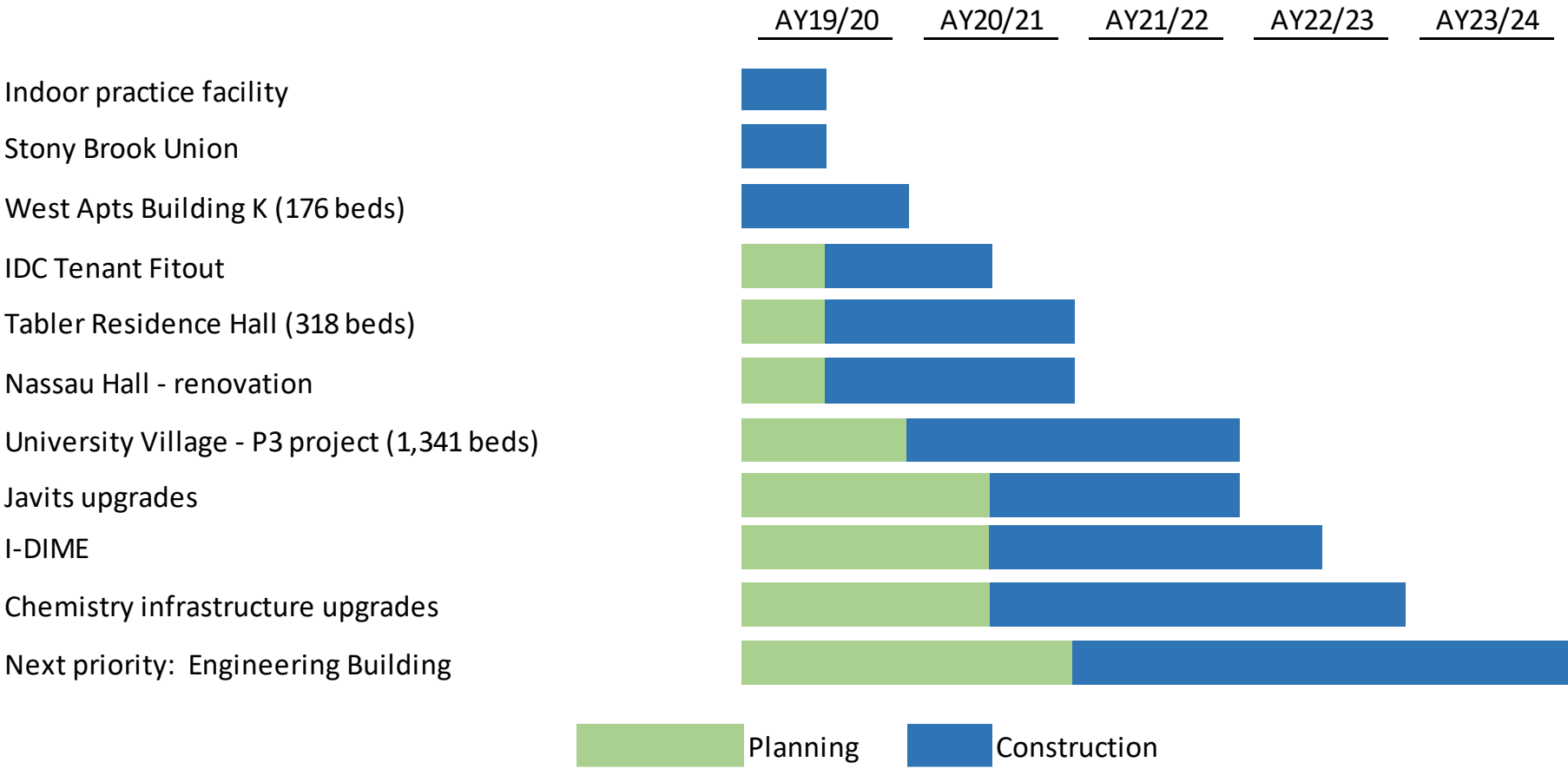
November 4, 2019



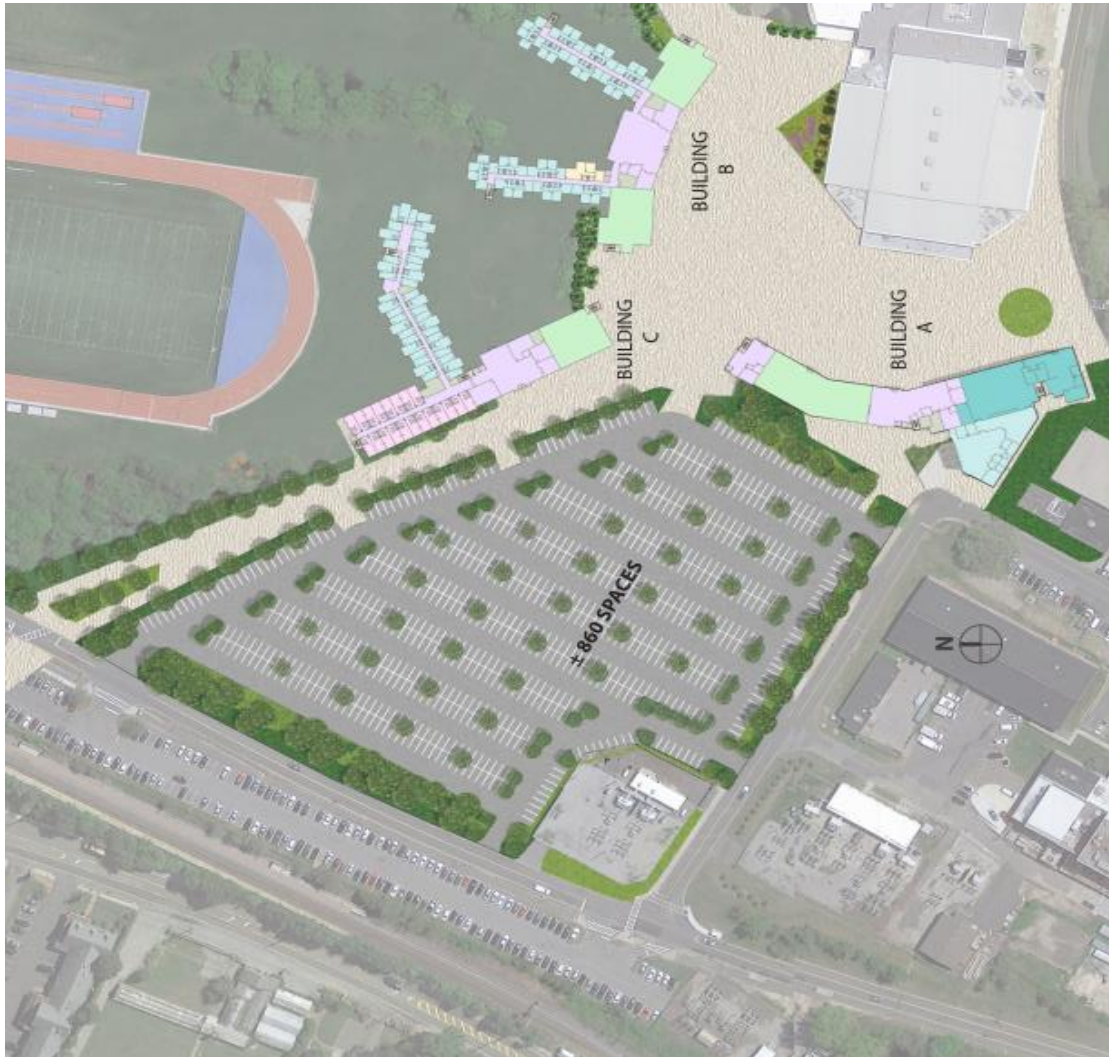
Senate Update

- 5 year look ahead at major projects
- Annual critical maintenance
- Sustainable energy and conservation efforts
- Other facilities planning future topics

Five year major projects plan



University Village – P3 project



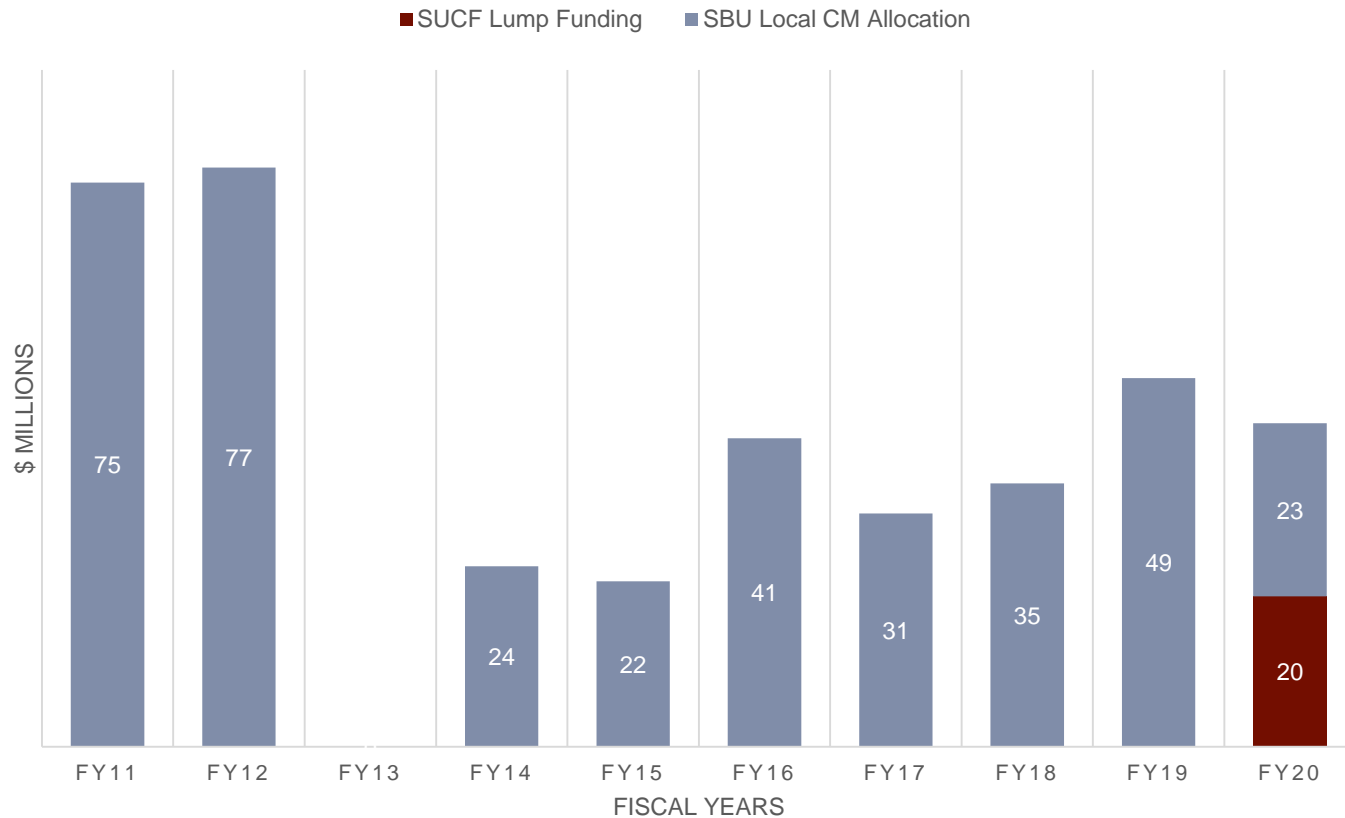
- Public private partnership structure.
- Mixed use living and learning complex
- First planned phase:
 - 3 buildings
 - Approximately 1,300 graduate and undergraduate beds
 - Related amenities
 - Pedestrian corridor and gather space

Capital Project Funding Sources

- Legislative Adds
- Philanthropy
- Critical Maintenance Funding from the state budget
- SUCF Centrally-Managed Critical Maintenance Funding
- Grants from State Agencies & Others
- DASNY Borrowing
- NYPA-funded Energy Projects
- Stony Brook Departments (self-funded)
- Public Private Partnership

Annual Critical Maintenance Allocations

ANNUAL CM ALLOCATIONS



Current parking inventory and utilization (spring 2018 data)

East Campus

inventory – 5,917 spaces

Daily daytime parking demand – approx. 8,300

1,500	academic faculty and staff
1,600	students
4,300	hospital employees, physicians and vendors
900	patient and visitors

West Campus

inventory – 11,452 spaces

3,000	residents
3,200	commuters
3,200	faculty & staff
2,000	premium, meter and garage

Short term options – implemented fall 2019

Lot	Opportunity	Impacts	Cost	
Kelly	47 commuter spots	underutilized residence parking, summer storage space	\$5k	install bus shelter
Tabler	112 staff/faculty spots	remove islands, reallocate 52 underutilized residence spots. (residence spots will be need 2022 when new dorm is finished)	\$510k	
R&D campus	250 spots	underutilized area, requires new shuttle	\$800k	repave, add lighting, shelter, security, shuttle estimate \$500k a year
	409 additional parking spots			

Planning for the future of parking

- Outside consultant being hired to support the university and the hospital in a comprehensive strategy review of options
 - What do we have for parking today and how is it utilized
 - What would we need based on current growth plans and use patterns
 - What options are available to decrease the need for parking on campus
 - What are our options to fund changes in our parking and transit programs

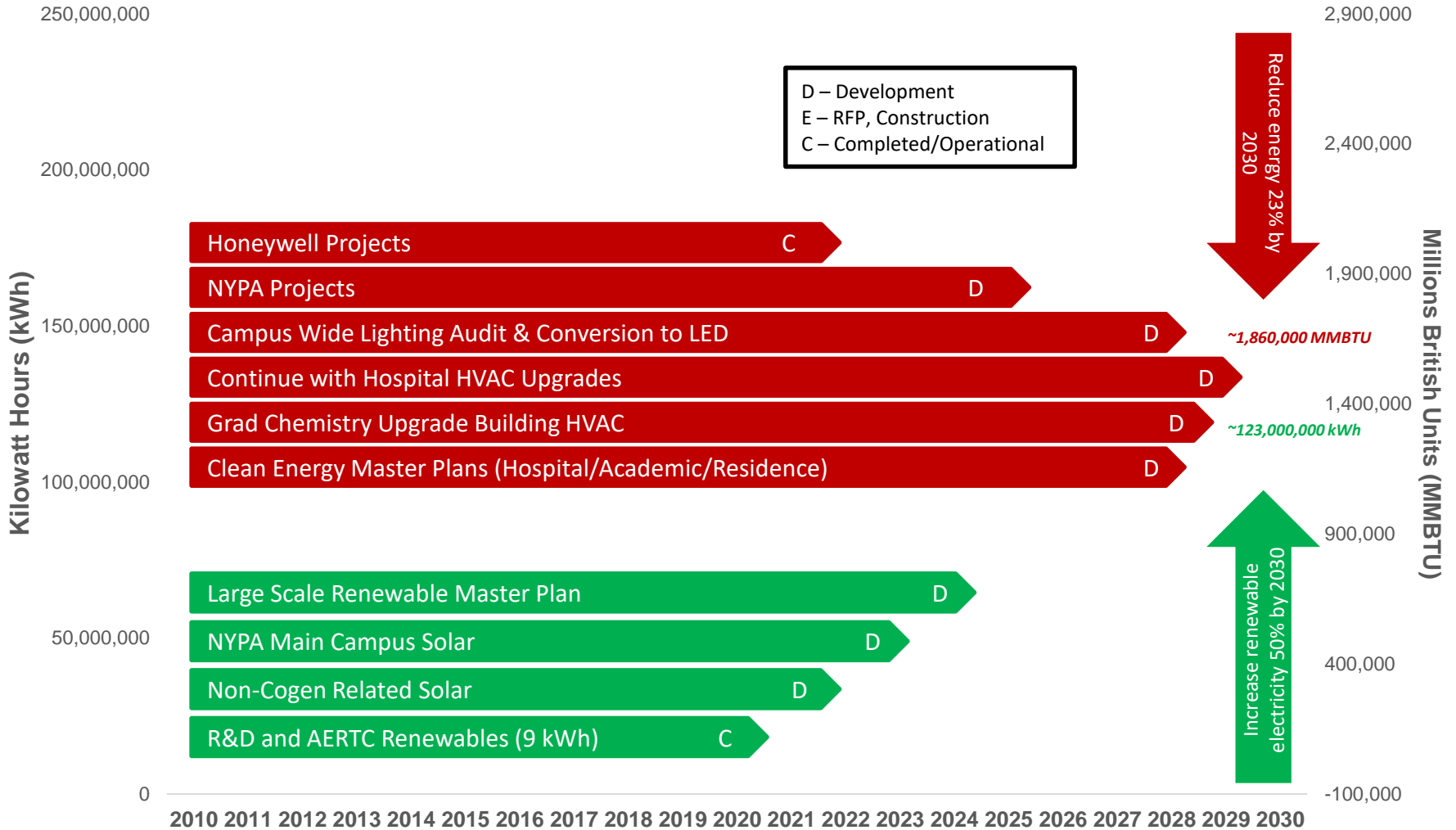
Sustainability Goals

- SBU represents the largest single public entity energy user with 18% of SUNY's total energy use and 8% of all NYS owned buildings
- Stony Brook leads SUNY's 4 university centers and Upstate Medical in energy performance improvement.
- On track to meet NYS 20% energy reduction goal by 2020.

Facility	Campus EUI Reduction
Stony Brook University	16.12%
University of Buffalo	12.42%
Upstate Medical	13.89%
Binghamton	11.00%
University of Albany	12.31%

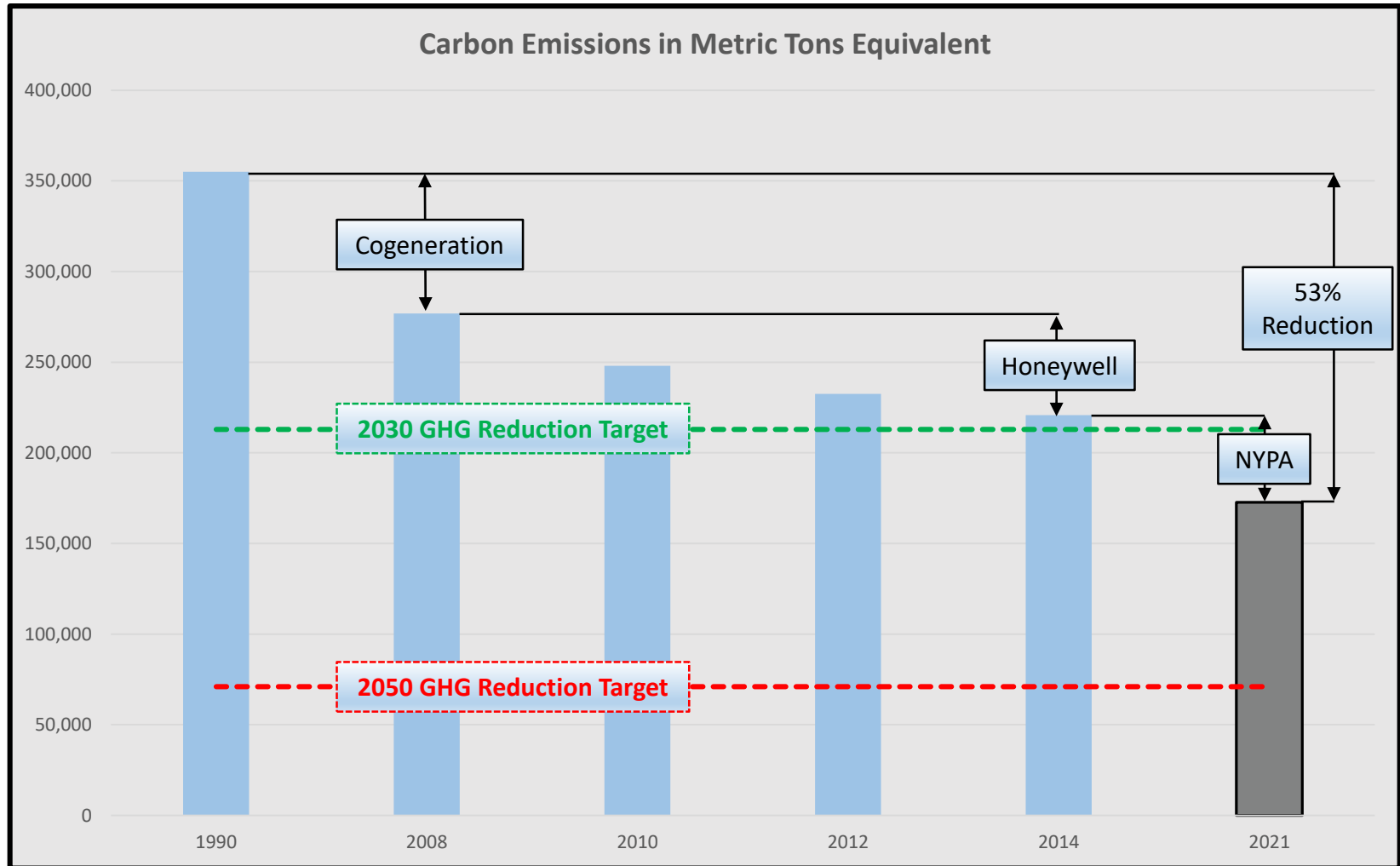
NYS & SUNY Goals

Tracking Renewables & Energy Reduction



Questions?

Tracking Greenhouse Gas Emissions



IDC Tenant Fit-Out

- Scope: 30K net assignable sq. ft.
- Projected occupants
 - Softheon 14,000 nasf.
 - 4 academic labs 5,200 nasf.
 - Other academic labs possible
- \$8M (\$260/nasf) funded
- Additional funding required to complete academic labs
- Proceeding w/ design after Softheon signs lease
- Total fit-out to take up to 2 years

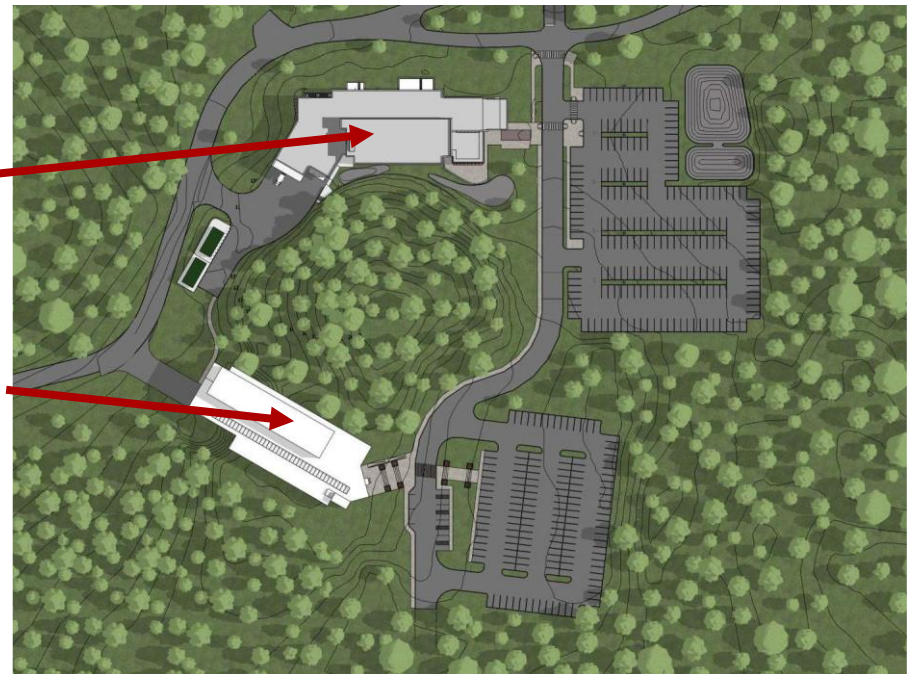


I-DIME Building

- Scope: 60K gross sq ft (gsf) research building
- Jointly developed between School of Medicine, and College of Engineering & Applied Sciences
- Located on R&D Campus, south of IDC building
- \$75M funded
- Proceeding w/ Schematic Design
- Design ready for bid in one year
- Construction to follow

IDC Building

Proposed I-DIME Building



Chemistry Building Rehab ('Light')

- Scope: Downscoped renovation from \$300M full-building renovation as proposed by Architect/Engineer
- \$80-\$110M (only design funded)
- In design - Conceptual and Schematic phase
- Project currently going through a scope review



Typical Lab Conditions



Penthouse Conditions

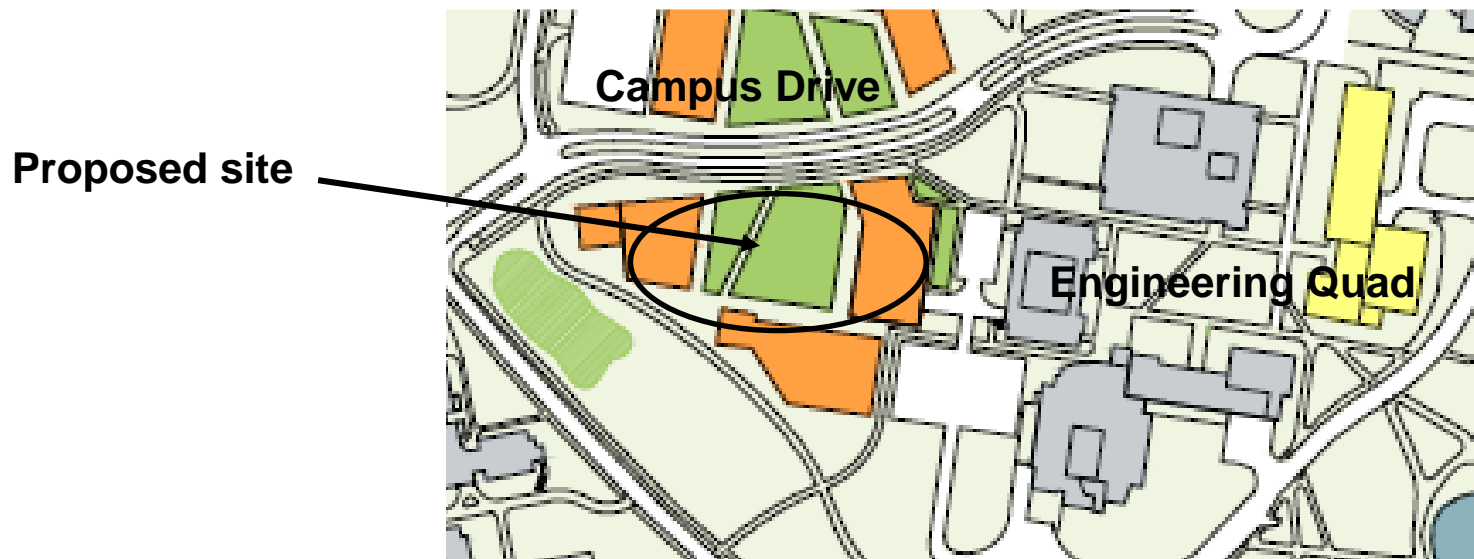
Javits Lecture Center Rehab

- Scope: Renovate existing lecture halls to take advantage of new educational technology
- Replace existing air-handlers to improve air quality and energy
- Discussions with faculty needed
- \$34M (only design funded)
- Design start: Dec 2019
- Construction start: Spring 2021
- Construction durations being discussed between SUCF and SBU



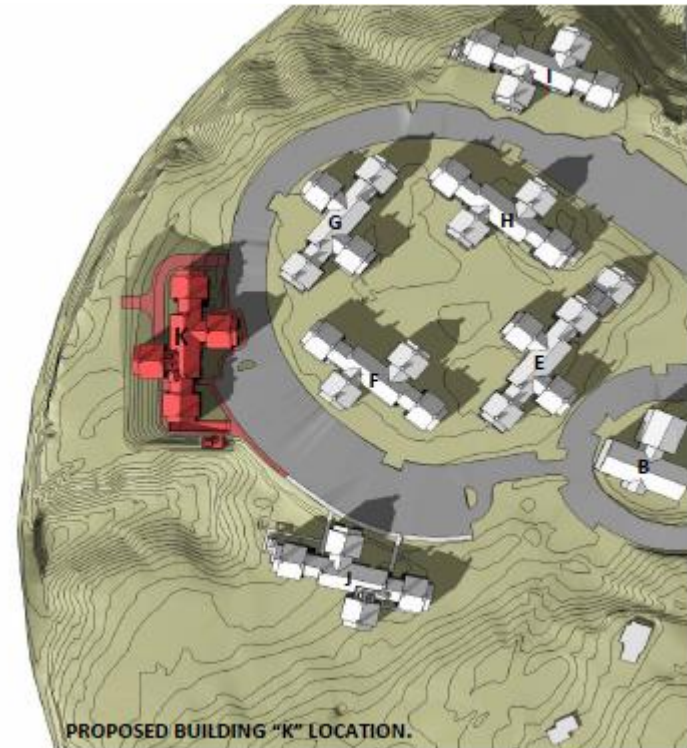
Multi-Discipline Engineering Building

- Scope: New complex (100K gsf)
- Identified in 2013-2023 Facilities Master Plan; top SBU priority
- Expansion of existing engineering complex
- Budget: \$100M
- \$25M reimbursable grant
- \$75M unfunded
- Awaiting \$12M (of the \$25M grant) to initiate design phase



West Apartments Bldg K

- Scope: 176-bed new residence hall programmed as the last building in the West Apartments Quad
- Identical to Building J, completed in 2018
- Set up to use either propane or natural gas for heating/hot water
- \$34M funded
- In construction
- Opens August 2020



Tabler New Residence Hall

- Scope: 318-bed new residence hall programmed as the new Honors Program Residence Hall
- No natural gas connection required as on HTHW loop for heat
- \$47M funded
- In design
- On schedule to break ground early 2020

