



FORDHAM UNIVERSITY
THE JESUIT UNIVERSITY OF NEW YORK

Faculty Senate

Joseph M. McShane, S.J., Hon. President	Gregory Acevedo	Margo Jackson	Aditya Saharia
John Drummond, President	Andrew Albin	Judith Jones	Falguni Sen
Dana Alonzo, Vice President	Ida Bastiaens	Mark Mattson	Henry Schwalbenberg
Francesca Parmeggiani, Secretary	Thomas Beaudoin	Matthew McGowan	Grace Shen
	Jeffrey Colon	Alesia Moldavan	Grace M. Vernon
	Stephen Grimm	Haim Mozes	Ian Weinstein
	Ralf Hepp	Giorgio Pini	
	Amir Idris	Berish Rubin	

Present: Senate President Drummond; Senators Acevedo, Albin, Alonzo, Beaudoin, Colon, Grimm, Hepp, Idris, Jones, Mattson, McGowan, Moldavan, Mozes, Pini, Rubin, Saharia, Sen, Shen, Vernon, Weinstein

Excused: Senators Bastiaens, Jackson, Parmeggiani, Schwalbenberg

Guests: Fr. Joseph McShane, Fordham University President; Dr. Dennis Jacobs, Provost and Senior Vice President for Academic Affairs; Dr. Jonathan Crystal, Vice Provost; Mr. Marco Valera, Vice President for Administration & COVID-19 Coordinator; Mr. Ed Kull, Director of Intercollegiate Athletics and Recreational Sports

The meeting was called to order by President Drummond at 11:31 as quorum was achieved.

An Invocation was given by Senator Falguni Sen.

Discussion with President Joseph McShane:

Fr. Mc Shane greeted the Senate from Florida, where he was traveling for recruitment and fundraising efforts on behalf of the University. He informed the Senate that he was preparing a letter for the community regarding the invasion of Ukraine. He noted the needs of the University community, including approximately 60 Russian and 14 Ukrainian students, to be supported and cared for, and asked the Senate's help in identifying any Faculty with ties to Ukraine who might also need support. Fr. McShane expressed outrage and sadness over the situation and shared his prayer that peace is restored and international law preserved respecting Ukrainian self-determination.

Fr. McShane shared that he is thrilled at the unanimous election of Tania Tetlow as the 33rd President of Fordham University. He described Tetlow as a great administrator, and someone known to Fr. McShane to be a practical-minded visionary, who put Loyola New Orleans back on firm footing in a collaborative manner, during a challenging period. She has a fine record of creating alliances and partnerships with the city and its various constituencies, and deep and strong Fordham roots. Fr. McShane finished this segment of his remarks by thanking John Drummond and the other Faculty members who served on the Presidential Search Committee, and made such a wise and loving choice for Fordham.

Addressing the Covid pandemic, Fr. McShane noted that the University caseload has dropped significantly in the past few weeks. In light of the CDC releasing new masking guidelines on the day of the Senate meeting, the Emergency Management Team will meet next week to review Fordham's masking and other policies.

Fr. McShane gave an update on Admissions activity. He reported that he and his team have been meeting with many smart and richly diverse students on his current trip. The main question applicants have is how financial aid might make it possible to make their dream of coming to Fordham a reality. Diversity initiatives in admissions are expanding and working, with a 5% increase in incoming African American students, and some increase among “Hispanic surname groups;” but there is no current increase among indigenous populations.

On the fund-raising front, Fr. McShane reported that we are on track to meet our development goals on schedule and in good shape.

As Fr. McShane fielded questions, one senator asked about what the challenges were in bringing more Indigenous students to Fordham. Fr. McShane replied that he will be reaching out to John Buckley to discuss this matter. In those areas of the country where we might realize such students we have inadequate presence, such as in the Southwest. In Central N.Y. we find a reluctance among indigenous students to go to private universities.

Another senator asked about the budget and planning committee and its vision for allocation of financial aid in the University’s overall finances, and how the discount rate bears on the question of what it means to be competing for students on a largely economic basis. They wondered whether funding packages are being best used for strategic diversity initiatives in admissions, and called for more transparency in terms of what aid packages are designed to be doing in our admissions objectives. Fr. McShane elaborated on the nature and contours of our discount rate. The overall tuition discount rate is 40%, and 80% of our first-year student body is residential and their discount rate is 50% (a number that admittedly should be lower). Fr. McShane suggested that the Senate bring in John Buckley and Brian Ghanoo to discuss matters pertaining to Admissions. A Senator asked about Indigenous students, suggesting we think about the issue more broadly, making Fordham a more attractive place for Indigenous students: institutional adjustments may be necessary in terms of curricula and other areas. Fr. McShane agreed and said that templates used to recruit and support other groups can be used as models for this work.

Fr. McShane completed his visit with the Senate at 11:54, reiterating prayer for the people of Ukraine.

Discussion with Provost Dennis Jacobs:

Provost Jacobs began by echoing enthusiasm and excitement at the election of Tania Tetlow as 33rd president of Fordham. He said he is looking forward to working closely with her, and that Tetlow met with the Deans before leaving New York two weeks ago. President-Elect Tetlow will have a full schedule as President of Loyola New Orleans as the institution transitions towards a new president, while we work to ensure that Fr. McShane’s final four months are productive and impactful.

Provost Jacobs then addressed the ongoing Covid situation, noting that we are seeing low cases at Fordham (18 current cases, with 4 at LC and 14 at RH; only 1 employee among these) and a low positivity rate of around 1.5%. This is much better than the 35% positivity rate in early January for New York City. We are in a very different position from a few weeks ago. Fordham has moved from a “High” level of transmission to “Substantial” transmission. New CDC guidance coming on the day of the Senate meeting was likely to tie mask recommendations not only to positivity rate but also to hospitalizations and hospital capacity in a given area. New CDC guidelines are also likely to inform Fordham’s international travel guidelines, and the desire of students currently abroad to travel freely may be addressed.

Provost Jacobs drew attention to the Laudato Si' conversation. He noted that there are many opportunities for the Fordham community to make contributions academically. Provost Jacobs emphasized the great variety of academic activities we have ongoing in ecology and environmental studies, analysis of human migration, in theology, law, business, and other areas. We have much to contribute and to offer our students, and to bind us together with other universities across the globe in making important impacts under the auspices of the Laudato Si' initiative.

Next Provost Jacobs applauded the work of the Committee on Student Experience in addressing in an ongoing manner the concerns of students around social unrest and the reckoning with racism in our community. He emphasized the community's ongoing need to support mental health and wellness and make sure that students have 24-hour access not only to mental health resources but many other kinds of support as well. This would ensure that students could get their concerns addressed more readily and efficiently. These remarks led to Provost Jacobs focusing on two current initiatives that will advance these interests in supporting students: First, we are considering an interactive digital platform—a kind of “Student Success Hub”—to connect students with relevant resources and individuals for information and support.

Second, a Student Advising initiative is ongoing, that began with a committee that looked internally and at other institutions to determine what is in use across similar institutions for best advising practices. There is now active discussion about how we can improve academic advising at Fordham building on this work. One Senator who had been involved in the Advising Task Force asked for more detail about where the advising discussion stands. Provost Jacobs replied that the College Deans—Maura Mast and Laura Auricchio—are meeting with various community constituencies and soliciting feedback on various possible models we might adopt. Another Senator asked about the digital platform and its applicability to graduate students. Provost Jacobs pointed out that when students engage the platform, it will be highly personalized to the student's profile. The platform under consideration is highly flexible, and will take time to configure in the best possible way, but fortunately it is designed for the complexity of universities (which is what we are after).

Another Senator asked about Academic Events at Fordham and how the changes in Covid transmission might affect planning conferences and other events (vis-à-vis the closure of campus to non-Fordham persons, etc.). Provost Jacobs remarked that outside speakers are currently allowed if up to date on vaccination, but regarding participants who are “attendees” and the like it is hard to give a concrete answer yet. Combined with forthcoming nuanced guidance from CDC, directionally we should probably be moving towards greater activity of the sort under discussion (conferences and workshops). The Senator who asked about these policies pointed out that information and rules will need to be disseminated efficiently in the community among those who facilitate such events, so that planning and execution will run smoothly.

Discussion with Marco Valera, Vice President for Administration, on Sustainability at Fordham: In summarizing the many facts and initiatives included in his presentation, VP Valera noted that the Presentation slides would be made available (see attached). He shared the history and goal metrics behind Fordham's efforts. VP Valera highlighted that we have as of 2021 reduced CO2 emissions by 36.8% since 2007. He shared the methodologies and frameworks that have been or will be enlisted to realize Fordham's sustainability goals. VP Valera noted that over 8 million kilowatt hours of energy have been produced via our solar and other projects.

In discussion with Senators, VP Valera expanded on the gradual transition to electric that is underway in groundskeeping on campus, and the University's investigation of battery storage for generated power. He

noted that our large solar projects to date have actually cost Fordham nothing because we have been taking advantage of external programs. Discussion also brought out the fact that the public can charge electric vehicles in our parking garage. Electric vehicle charging presents huge infrastructure challenges for the City. In discussion of the use of fossil fuels in generating the electrical power to which Fordham is migrating more and more, VP Valera noted that Fordham is trying methods that will actually have impact in reducing carbon footprint, and that currently about ten percent of our energy is from renewables.

See the enclosed Slide Presentation for more details on Marco Valera's report to the Senate.

Discussion with Ed Kull, Director of Athletics:

Mr. Kull reported to the Senate that he thought it important to share the goals and recent outcomes of athletics, which he hopes will be a platform to lean on and leverage in our teaching and relationships with students on campus. Mr. Kull and his team are in the process of creating a new strategic plan—the first actually for the Department of Athletics—and invites our thoughts and comments. A key priority in the plan is making Athletics collaborative across all areas of the University.

He reported that student athletes have enjoyed great academic success in the past several years at Fordham, achieving a graduation rate and GPA that are higher than the general population. Fordham is second in the Atlantic 10 Conference in terms of graduation rate, and first or second in terms of average GPA.

Mr. Kull called attention to some highlights in Athletics, like the Mindset Program (mental health), TEAM Fordham (academic success), the success of their Task Force on Diversity, and significant community service engagement by student athletes

Mr. Kull explained that the Name-Image-Likeness rule changes in the NCAA have impacts for our athletes, and support from Athletics, alumni, and the Law school offers students help in this area.

In terms of development initiatives, Mr. Kull told the Senate that Athletics is looking for ways to be more independent of university funding, and that this is another focus of the Strategic Plan.

Finally, Mr. Kull noted that the alignment of athletics with our new President's priorities and objectives will be explored.

In the discussion period, one Senator praised the presentation's comprehensiveness and informativeness. They then asked about the charged case at U Penn regarding Trans athletes, and wondered where the NCAA or Fordham stand on the question of Trans athletes. Mr. Kull pointed out that the NCAA position is in development and remains unclear. He explained that the status of athletes in transition, in terms of participation in men's or women's sports, depends on hormonal levels established through testing. Another Senator asked about some budgetary numbers: expenses for athletics in excess of \$37 million. They provided a breakdown as follows: \$17 million goes for scholarships/aid; \$12 million for compensation and benefits; \$6.5 million is the operational budget for athletic programs. Of the total 37 million dollars, the University contribution to that is \$31 million, so Fordham is paying beyond the lion's share of this overall budget. The University and new president need to make a decision about allocating \$31 million of revenues to this. This Senator had also reviewed financial aid packages that seem to exceed total tuition, room and board per student. Mr Kull responded: \$17 million is soft dollars for scholarship/aid, comparable to expenditures for other students. He mentioned that 345 athletes pay to attend Fordham. This leaves 13 "hard" million dollars for sports per se. In explaining the overages in

some aid packages, Mr. Kull explained that some athletes get food, book, and fee scholarship aid; that international student athletes may have additional dollars in recruitment; and that aid packages do vary widely by sport and by individual. Another Senator asked about the differences in costs and priorities in terms of marquee sports vs. others, and wondered what the main challenges are in recruitment of top athletes in things like basketball. Mr. Kull replied that there are many different issues faced for recruitment, many of which are not in our control. Another Senator raised a question about the Trustees special commitment to the basketball program, and Mr. Kull explained that the detailed implications of this still need to be spelled out.

Discussion of Proposed Statutory Change by UTRC:

President Drummond introduced the proposal by UTRC regarding statutory language changes that will help UTRC with the work it is called to do in regard to making senior appointments (with tenure) for a variety of positions in the University. He explained some linguistic edits to the proposal, one of which acknowledges and makes this proposal consistent with the existence of another statutorily authorized process for appointments without the approval of the Personnel Committee in the unit or UTRC. One Senator asked for clarification of the relation between the expedited process signaled in the new wording and the alternative procedures also available statutorily for such appointments. Another Senator asked whether this would open a so-called “can of worms” in terms of statutory changes that might be initiated in coming months and years. President Drummond explained that he does not worry about this implication, as the Senate always has to approve changes anyway, and the standard route of such changes is from the Senate to the Board and not vice versa.

Another Senator called attention to the Law school having its own protocols in place for such appointments, and asked about when the proposed new language would go into effect and whether this has anything to do with the appointment of the new president. President Drummond pointed out that this discussion was underway before the election of the new President, to address long-standing difficulties in UTRC’s work.

The proposal reads:

Change in the wording of statute §4-05-04(l) to:

l. **Tenure at the Time of Hire:** Persons being appointed from outside the University (including to positions as academic administrators) may receive a tenured faculty appointment at the time of hire. Initial appointment may be made at any rank for which a candidate is qualified. The Personnel Committee of the applicant’s proposed home department/area/school, as in all tenure decisions (§4-05.04(e)), undertakes the primary evaluation of the application for tenure. That personnel committee should apply the same standards to all applicants for tenure but may choose to adopt expedited procedures in the tenure process for a scholar with an established reputation who has been tenured at another institution, such as making its decision on the basis of the candidate’s application dossier. The applicant will receive a tenured offer on Fordham's faculty as a result of this expedited process if and only if the Personnel Committee of the proposed home department/area/school positively recommends tenure, and then the dean, the Provost, and the President of the University judge such an appointment to be warranted. The University Tenure Review Committee, subsequent to the recommendations of the Deans and the Provost, shall review any positive tenure recommendations by Departmental or Professional School Faculty (with the exception of the Law School) as specified in §4-06.09c, and shall make its recommendations to the President of the University.

A motion was made by Senator Mattson to accept the proposal with the two revisions. The motion was seconded by Senator Rubin. The results of the vote were: 17 Yes, 0 No, 2 Abstentions.

Report of the Committee on Student Experience:

Senator Jones reported as Chair of CSE on a document that has been produced by a subcommittee regarding best practices for an inclusive classroom environment. Attending the meeting was Shannon McAlister, who led the initiative for CSE and who provided additional context and responses to Senator questions.

The document is lengthier than originally planned, in order to provide context and to fully acknowledge the student complaints upon which this initiative is based. Senator Jones stressed the importance of student “belonging” that is integral to their experience, recruitment, success, and retention efforts.

The recommendations in the document are general, but specific to complaints that were analyzed statistically as significant to students and that are repeated consistently by students (i.e., “don’t comment on student appearance”, “Don’t assume a disability is not real because it is not visible”, etc). Also the importance of addressing microaggressions that might occur in the classroom is included in the guidance. Senator Jones pointed out that while the document arose in response to particular repeated reports by students, it is not produced with the intent to “accuse” anyone but to look forward to better experiences for students. It is wholly consistent with reports shared with the Senate in 2012 and 2016 by students who had painful and destructive classroom experiences at Fordham. The kinds of issues flagged are not specific to Fordham but are present across institutions of higher education, and the goal here as elsewhere is to create an inclusive environment by calling attention to these issues.

Prof. McAlister explained the methodology employed in building the document, which followed a ground-up approach preferencing students’ lived experience:

1. A student-generated survey was shared with the CSE, in which a large student sample reported their experiences; the results of this survey were presented to the committee by its author, Peter Wolff.
2. Social media posts by Fordham students were analyzed qualitatively for themes using grounded theory. A preliminary cataloging of these posts was provided to the CSE by the Fordham Anti-Racist Alumni Collective, which was monitoring the social media accounts closely.
3. Further data coding was then conducted by the committee.

Discussion followed. Some Senators noted that as formulated, the document could have a stifling effect on faculty, and Senator Jones and Prof. McAlister noted the Committee’s willingness to revise the tone and wording to be more positive without compromising the accountability the project seeks to offer. Another Senator wondered if training might be preferable to this guidance, and Senator Jones replied that CSE has endorsed training on diversity for Faculty multiple times in the Senate with no positive response, and we remain the only body in the University community that still has no mandatory training.

Another Senator raised questions about timeline and audience, and Senator Jones noted that we would probably target a September distribution and that students should have some sort of access to the document.

There were additional comments and questions about the organization of the document and sampling issues, and Jones/McAlister replied that the sampling seems substantial enough and organization will be considered.

Resolution to Welcome the Newly Elected University President:

President Drummond introduced a Senate Resolution of welcome and congratulations to our newly elected President Tania Tetlow. There was some discussion about optimal wording of the proposed resolution.

A seconded motion passed to extend the Senate’s meeting by 15 minutes.

The resolution reads:

Resolution welcoming President-designate Tania Tetlow

Whereas the Board of Trustees in session on February 10, 2022 elected Tania Tetlow to serve as the thirty-third President of Fordham University effective July 1, 2022,

Therefore, be it known that the Faculty Senate of Fordham University enthusiastically congratulates President-designate Tetlow and welcomes her to the Fordham University community, and

Be it resolved that the Faculty Senate offers its full cooperation and effort in realizing the “power of Jesuit higher education” and her stated commitment to Fordham as “a place that brings together the best and brightest from every corner of the Earth and teaches them to learn from each other,” “a place that believes in truth and works tirelessly to find it, a place that tries to solve the toughest of problems with science and technology, and, most of all, by understanding humanity—what drives us, how we structure our communities and economies and governments,” how we ensure racial, social, and environmental justice for all—in short, “how we build a common good with ethics, empathy, and faith.”

A motion to approve the Resolution was made by Senator Mattson. The motion was seconded by Senator Saharia. The results of the vote were: 14 Yes, 0 No, 0 Abstentions

As time had run out, President Drummond noted that the additional items on the Agenda that were not discussed in this meeting will be taken up at the March meeting. Senator Jones pointed out that since one of those items was the discussion of the Laudato Si’ initiative, which will be spending the time until the end of March amassing a baseline understanding of where Fordham stands on the many areas of the initiative and on “visioning,” Senators and Faculty at large should take the next few weeks before the next meeting to continue sharing any of their own initiatives, programs, and visions for the future of the University with herself and Julie Gaffney, Chair of the LS Committee, and familiarize themselves with the many areas covered by Laudato Si’ as articulated by the Vatican.

A motion to adjourn the meeting was made at 2:50 by Senator Vernon. The motion was seconded by Senator Jones. The meeting was adjourned by unanimous consent at 2:50.

Respectfully submitted by Jude Jones, with help from Dana Alonzo

Sustainability at Fordham

Presentation to Faculty Senate 2.25.22



Commitments & Collaborations

- *Laudato Si': On Care for our Common Home*. We have committed to the Pope's goals on the environment as stated in the 2021 Encyclical Letter on Ecology.
- In 2007 we pledged to reduce greenhouse gases by 30% from our baseline year of 2005 as part of the NYC Carbon Challenge started under Mayor Bloomberg. Which later grew to be a 40% reduction. As of 2021 we have reduced CO₂e by 36.8%.
- NYC Local Law 97 of 2019; targets of 40% CO₂ reduction by 2030, 80% by 2050.
- We were recognized as a "First Mover" by NYS REV Carbon Challenge by being one of the first to sign on this NY State initiative to implement clean energy solutions.
- First institution of HE to collaborate with Wildlife Conservation Society's *Framing our Future Campaign* (wcs.org).
- Partner with state programs that provide funding for green initiatives (NYSERDA/HECAP).



Methodology & Framework to Minimize CO2 Emissions

- Focus on buildings and building systems. Buildings are our largest CO2 emitters.
- Minimize/eliminate fossil fuels by shifting to electric systems where feasible.
- Reduce energy consumption, fast track replacing systems and equipment with ROI of less than 3 years.
- Replace deferred maintenance building systems and equipment with energy efficient equipment.
- Explore new energy efficient technologies as they become more established.
- Maintain campus greens and trees at Rose Hill and Calder Center.



Technology and Sustainability Projects

- Completed energy studies of all major buildings.
- Converted all lighting to LED; 10-20% of building energy use. Gym lights to be converted this summer.
- Install solar arrays – more later.
- Convert natural gas plants to electric. Ex. Hughes Hall steam powered building AC plant, Martyrs' CT boiler plant.
- Eliminate steam use for cooling at LC by connecting LL electric plant to that of 140W.
- Reduce natural gas use at RH main Boiler Plant by installing geothermal and heat pumps in buildings at perimeter of campus.
- Building envelope improvements, replace windows, upgrade insulation (ex. roofs).



Other Things

- Install more EV chargers at RH garage.
- Transition vehicle fleet to EV's as they become more available, currently have 20 EV's at RH.
- Shift to electric mowers and blowers at RH.
- Annual recycling and reuse/donation of furniture and other items left by students at year end (upward of 2 tons repurposed)
- Composting and Zero Food Waste: Dining targeting zero waste. At RH 300 cubic yards per year of leaves and branches composted, exploring food composting at new campus center. LC composts food waste.
- Behavioral: Turn things "OFF" initiative for spring break.
- Space utilization lessons learned from pandemic.



Fordham Solar

- The following are recent major solar projects:
 - Fordham Staten Island Solar Project – this 2.6 MW ground mounted solar project is the largest solar array dedicated to any educational entity in NYC
 - System was formally placed in service in June 2018
 - The project has generated over 7,300 MWH to date, with Fordham owning and retiring 100% of the associated Renewable Energy Credits (substantial LL 97 benefits)
 - System has saved Fordham over \$185,000 on its ConEdison electric bills to date
 - Rose Hill Parking Garage Community Solar Project – this 960 KW roof mounted system is the largest Community Solar project to be hosted by any educational entity in NYC
 - System was placed in service in Sep 2019, and has generated over 1,000 MWH to date
 - Fordham University has saved over \$53,000 to date from this project
 - Innovative Community Solar structure allows Fordham to share the savings with other “subscribers”, including St. Paul’s and over 30 small Fordham accounts across NYC
 - Campbell Hall Solar Project – this 7.7 KW roof mounted system was installed on the roof of Campbell Hall in 2019, and was partly funded by a student & alumni GoFundMe campaign
 - Walsh Library - 250 KW roof mounted solar installed in 2012.
- In the works an installation of a Solar Parking Canopy Community Solar Project for the Fordham Westchester campus of 846 KW.

Ref: <https://news.fordham.edu/university-news/fordham-expands-solar-power-use/>



Fordham – Staten Island Solar Project

Ground-Mounted
Solar PV System

- The 3.1MW Fordham Staten Island Solar Project was the largest solar system in NYC when it was installed in 2018
 - Fordham University off-taker on 2.6MW subarray
 - Fordham Prep off-taker on smaller 500kW subarray
- The system was installed on surplus buffer land on Kinder Morgan's Staten Island Industrial campus
- The project utilizes Remote Net-Metering, whereby the value of the offsite system's monthly solar production is allocated to Fordham University's campus in the Bronx
- The "Shared-Savings" structure provides Fordham with guaranteed cash savings every month, along with 100% of the system's Renewable Energy Credits (RECs)



PROJECT SUMMARY

PROJECT LOCATION	Staten Island, NY	SYSTEM SIZE	3.1MW (2.6MW and 500kW)
ANNUAL SYSTEM PRODUCTION	4,000,000 kWh	INSTALLATION TYPE	Ground-Mounted PV System
TRANSACTION TYPE	"Shared-Savings" PPA	SYSTEM OFF-TAKER	Fordham University/Fordham Prep
SYSTEM HOST	Kinder Morgan		



Rose Hill Garage – Community Solar

Roof-Mounted
Solar PV System

- Completed in Sep 2019, this 960 kW rooftop solar system is the largest Community Solar project in NYC to be hosted by an educational institution
- This system was installed on the top floor of the Rose Hill Parking Garage in the Bronx, and is a testament to Fordham's commitment to Sustainability
- As a Community Solar project, the value of the solar system's production is shared with participating "subscribers" including Fordham faculty & alumni
- Since being placed into service in Sep. 2019, the system has generated over 1,000,000 kWh of clean solar electricity



Rose Hill Parking Garage – Rooftop Solar System

PROJECT SUMMARY

SYSTEM HOST
Fordham University

PROJECT LOCATION
Bronx, NY

SYSTEM SIZE
960 kW DC

ANNUAL SYSTEM PRODUCTION
1,140,000 kWh

INSTALLATION TYPE
Roof-Mounted PV System

TRANSACTION TYPE
Community Solar PPA/ Site Lease

SOLAR INCENTIVES
NYSERDA NY Sun Initiative
Community Solar



Fordham - Campbell Hall Solar Demonstration Project

Roof-Mounted
Solar PV System

- The Fordham University Campbell Hall solar photovoltaic system has a total capacity of 7.67 kilowatts (“kW”)
- Driven by student demand, current students and alumni raised money on GoFundMe to partly fund a solar system for the residence hall.
- The system is comprised of 26 individual 295 watt solar panels installed on the Campbell Hall rooftop
- The system includes one 5.75 kW string inverter, a ballasted roof mounting system, and showcases state of the art data monitoring capabilities
- Since being placed into service in Dec. 2019, the system has generated over 5,000 kWh of clean solar electricity



PROJECT SUMMARY

SYSTEM OWNER
Fordham University

PROJECT LOCATION
Bronx, NY

SYSTEM SIZE
8 kW DC

ANNUAL SYSTEM PRODUCTION
6,700 kWh

INSTALLATION TYPE
Roof-Mounted PV System

TRANSACTION TYPE
Direct Purchase

FUN FACT
Crowdsourced by students and alumni



Fordham Westchester - Solar Canopy

Parking Canopy
Solar PV System

- Fordham is developing a 846 kW Solar Parking Canopy system for the Fordham Westchester campus
- As a Community Solar project, the value of the solar system's production is shared with the Fordham Westchester facility as well as other participating "subscribers" including Fordham faculty & alumni
- Once the system is fully operational, it will generate almost 970,000 kWh of clean electricity per annum



PROJECT SUMMARY

SYSTEM HOST
Fordham University – Westchester Campus

PROJECT LOCATION
Westchester, NY

SYSTEM SIZE
846 kW DC

ANNUAL SYSTEM PRODUCTION
970,000 kWh

INSTALLATION TYPE
Parking Canopy Solar PV System

TRANSACTION TYPE
Community Solar PPA/ Site Lease

SOLAR INCENTIVES
NYSERDA NY Sun Initiative
Community Solar



Monthly Production Data – Live Solar Projects

	Onsite		Offsite	Total
	Campbell Hall 7.67 kW	Fordham Garage 962 kW	Kinder Morgan 2.6 MW	Total Monthly Production kWh
May-18	-	-	-	-
Jun-18	-	-	347,776	347,776
Jul-18	-	-	371,070	371,070
Aug-18	-	-	319,250	319,250
Sep-18	-	-	228,611	228,611
Oct-18	-	-	231,269	231,269
Nov-18	-	-	142,187	142,187
Dec-18	-	-	27,542	27,542
Jan-19	-	-	127,540	127,540
Feb-19	-	-	229,209	229,209
Mar-19	-	-	316,432	316,432
Apr-19	-	-	298,194	298,194
May-19	-	-	314,046	314,046
Jun-19	-	-	349,667	349,667
Jul-19	-	-	362,815	362,815
Aug-19	-	-	360,128	360,128
Sep-19	-	59,304	326,937	386,240
Oct-19	-	64,518	225,882	290,399
Nov-19	-	52,916	221,022	273,937
Dec-19	92	33,814	127,844	161,749
Jan-20	143	45,804	182,468	228,414
Feb-20	268	57,933	214,464	272,665
Mar-20	592	93,782	279,597	373,970
Apr-20	624	100,841	283,224	384,688
May-20	865	145,412	379,424	525,701
Jun-20	863	143,248	373,637	517,747
Jul-20	798	131,674	369,471	501,942
Aug-20	734	117,225	333,717	451,676
Total Production	4,978	1,046,470	7,343,417	8,394,865

