

*STUDENT ACTIVITIES FUND REVIEW*  
*BOARD PROPOSAL*

Kellen Kadakia  
Panch Vangapandu

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"NJIT Solar ConnecTable Hub"

## BACKGROUND AND SIGNIFICANCE

NJIT is a campus with an elite group of diverse students that are constantly roaming around campus. As all new advancements are made towards the improvement of education, study and social friendly environments within campus. The Library, Campus Center, and the New Renovations added to CKB create friendly environments for students to pursue knowledge or simply enjoy and relax. There are many locations for students to study, in campus, inside; the issue is that there are not many locations on campus where students can study or hang out outside. The upper and lower greens have no sitting area within them and are sometimes quite muddy, so sitting in the middle of those locations doesn't sound fun. The wiry benches located on the edges of the Upper Green are uncomfortable to sit on and have no room to do work on. This leaves the issue that on the outer locations of campus there are no places to comfortably sit down and do work with friends or simply hang out with just a group of friends.

The ConnecTable Hub solves that problem. It is a simple design that serves as a table and seating for students to sit on as well as do work on. The greatest advantage that the ConnecTable has is that attached to it, acting as an umbrella, is a large solar panel that provides electricity. This design allows students to charge their phones and computers. As a technology school, most homework is done over computers, so having a source of power is significantly important. The ConnecTable has been implemented by numerous other universities already and is a major success, becoming a foundation on campus.

## SPECIFIC AIMS

The ConnecTable can become a very foundation for students to enjoy the outdoor opportunities that the campus has to offer. The purpose and goals of the ConnecTable is to bring students to come outside and enjoy the campus, this table can promote new people to meet, become rendezvous point for students to meet up and simply a foundation of campus. The charging aspect of these tables creates something new and unique to work on because technology is so pivotal on campus, that because they have the ability to charge, it allows students to experience NJIT in a different perspective. A huge point is that it has been noted that the outside

of campus has been noted as dull and drab according to students, the ConneCTable could provide the campus with some color and life as well as having a practicality aspect to it.

## BUDGET AND DESIGN

- ConneCTable
  - Cost: \$12,950
  - Specs:
    - 1kW solar array
    - 8 USB Ports
    - 4 Electrical Outlets
- Solar Power Dok
  - Cost: \$11,995
  - Specs:
    - 3-65 Watt Solar Panels, 1-100 Watt Solar Panels
    - 4 USB Ports
    - 4 Electrical Outlets
    - Optional Wi-Fi Hotspot option
- Nrg Street Charge
  - Cost: \$5,400
  - Specs:
    - 60 Watt Solar Panels
    - 3 USB Ports
    - Wi-Fi Hotspot option

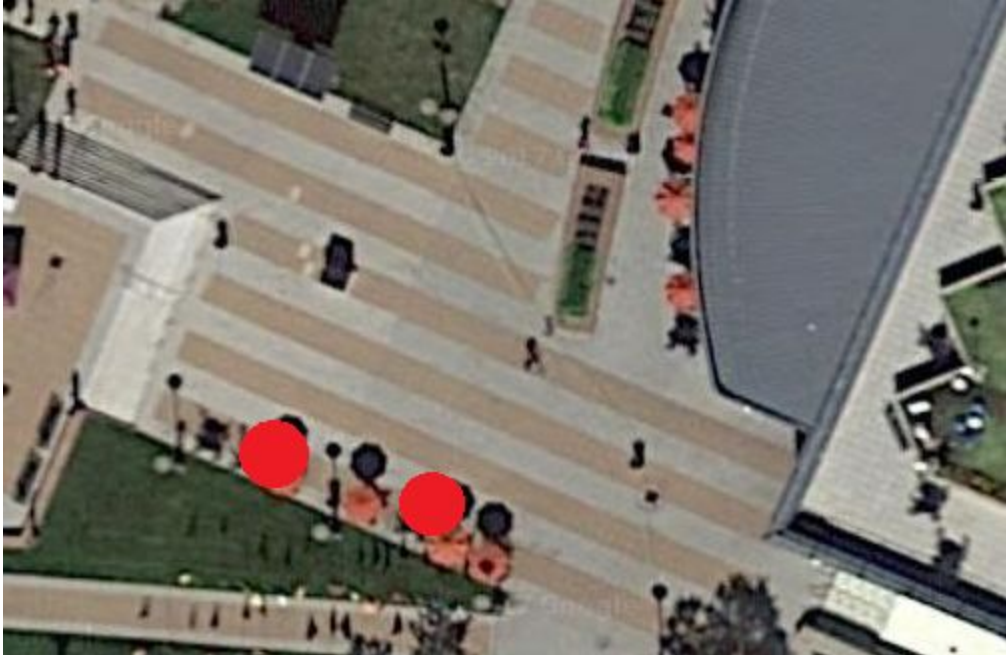
After speaking to the company ConneCTable I was able to get a quote. The Basic price for one ConneCTable is \$12,950 which does not include shipping. The company ConneCTable does ship, so around the total price comes around to \$13,500. In order to install it, we would simply have a forklift carry and drop it off at the designated locations. After discussing, we think we should purchase five ConneCTable Hub units. The capabilities of the ConneCTable is tremendous and should be displayed and utilized in all the prime locations over campus. The

ConnecTable can comfortably sit up to 6 people with enough seating and legroom and work room for each individual. At the center of the table is the pole connecting to the Solar Panel. On the sides of the pole are 12 USB ports, and four 120 Ports, ports that fit in the standard American laptop or outlet chargers. The solar panel is protected by a metal border that protects it against any sort of object that were to hit it. The weight of snow and rain won't weigh down the panel so the panel is quite durable and protected. The table is polished concrete thus also making it quite durable. All parts including the panel and table have an extended warranty of 5 years. The battery has a limited warranty, costing \$150 to replace the battery. The beauty of the ConnecTable is that the table only needs 6 hours of sunlight to be able to function and power objects at 100% capacity. Before installation there are engineers who look at the designated locations that we choose, telling us if they think there will be enough sunlight or the sunlight won't be blocked from allowing the ConnecTable to be able to function correctly. We simply pick our locations and send in our designated locations and expert engineers make sure that these locations work perfectly.

# LOCATIONS

Campus Center Plaza

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Item	Price/Unit	Units	Total Price
 <p data-bbox="191 674 480 747"><a href="http://theconnectable.com/cafe/">http://theconnectable.com/cafe/</a></p>	\$12,950.00	<p data-bbox="688 390 786 422">2 units</p> <p data-bbox="695 480 927 512">Campus Center Plaza</p> <p data-bbox="1068 480 1084 512">2</p>	\$25,900.00
Shipping	\$400	2	\$800.00
Installation	\$600	2 Units * \$600 = \$1,200	\$1,200.00
Total			\$27,900.00