

Milton & Betty Katz Jewish Community Center of Margate enhances community relations by adopting environmental responsibility, through solar energy.



Challenge

The Milton & Betty Katz Jewish Community Center is a non-profit, 501 c 3 operating in Margate City, New Jersey, that provides diverse services including: fitness, health, and special events. The Milton & Betty Katz JCC serves tens of thousands of community residents each year, and is a central figure in its community. Due to their position and visibility, the Milton & Betty Katz JCC recognized the need to upgrade their facility, establish responsible energy sourcing and adopt environmentally-friendly practices for a sustainable operation. The Katz JCC identified solar energy to be the best solution to meet these objectives while leveraging savings on operational costs.

National Energy Partners Solution

After an exhaustive process of comparing proposals from various firms, the Milton & Betty Katz JCC identified National Energy Partners as the best option to manage their solar development project.

National Energy Partners installed a 363,055 Watts DC solar energy system on the roof of the Milton & Betty Katz JCC. The system includes 943 solar modules, and is projected to produce 452,196 kilowatt-hours of electricity each year. The solar energy system will allow the Milton & Betty Katz Jewish Community Center to self-generate more than 42% of its electricity needs for the next 25 years.

QUICK FACTS:



\$150,000.00

New Roof Installation provided by NEP



943

Solar Modules Installed



\$23,599.00

Estimated Annual Savings



\$260,068.00

Projected Savings (15 Years)



42.16%

Energy that will be self-generated, by solar

"Our most ambitious project for sustainability is the solar development project with National Energy Partners... This project started two years ago, with 15 different solar companies knocking on our door. We had high demands and high expectations, and National Energy Partners outperformed the competition."

John Rios

Chief Financial Officer
Milton and Betty Katz Jewish Community Center

National Energy Partners provided full-service management for the solar development project for the Milton & Betty Katz Jewish Community Center, including consultation, interconnection and permitting, design and engineering, and construction.

Customer Benefit

The Milton & Betty Katz JCC gained both financial and environmental benefits from their transition to solar energy with National Energy Partners. Financially, the Milton & Betty Katz JCC will save \$23,599.00 in the first year alone, from operational utility costs. For the next 15 years, they will self-generate more than 42% of the electricity through their solar system. Ongoing, long-term services post-installation include National Energy Partners' management for the Milton & Betty Katz Jewish Community Center's solar incentive revenue, scheduled to gross a return of \$59,975.00 over the next ten years. Additionally, at the beginning of the project, National Energy Partners provided the Milton & Betty Katz JCC with new roof installation, valued at over \$150,000.00.

Milton and Betty Katz Jewish Community Center Renews Community Relations with Renewable Energy.

As part of the solar development project initiative, National Energy Partners provided the Milton & Betty Katz JCC with marketing services to announce their commitment to renewable energy to their members and the community. These services included content development and distribution to promote the environmental benefits for the project.

According to the United States Environmental Protection Agency, the solar energy produced by the the Milton & Betty Katz JCC through the life of the solar system will eliminate greenhouse gas emissions equivalent to 7,994 metric tons of carbon dioxide and 2,788 tons of waste being recycled instead of landfilled. The project will reduce CO2 emissions equivalent to 8,739,545 pounds of coal burned, or 899,547 gallons of gasoline.

The Milton & Betty Katz JCC's adoption of solar energy will sequester carbon equivalent to growing 132,187 tree seedlings for ten years.

ELIMINATE GREENHOUSE GAS EMISSIONS
equivalent to:



7,994 METRIC TONS
of Carbon Dioxide



2,788 TONS
of waste being recycled
instead of landfilled

REDUCED CO2 EMISSIONS
equivalent to:



8,739,545 POUNDS
of coal burned



899,547 GALLONS
of gasoline consumed

"As part of this sustainability plan, we are working on re-designing ourselves, to make sure we're more efficient both operationally, economically and environmentally..."

John Rios

Chief Financial Officer

Milton and Betty Katz Jewish Community Center

"This is my second time in recent months that National Energy Partners, in our district, has transitioned another facility to clean and renewable energy... As we look toward the two main purposes: the environment and economic [benefits]."

Assemblyman Vincent Mazzeo

General Assembly, 2nd Legislative District

Presented a Joint Assembly Resolution

A highlight of the marketing program was the official "launch event." On Friday, August 9th, 2019, National Energy Partners and the Milton & Betty Katz JCC presented the "Flip the Switch Eco Festival" to commemorate their adoption of solar energy, catering to the JCC's members and community alike.

The highlight of the event was the "Flip the Switch" ceremony, that celebrated the effects that the solar development project would have on the environment. National Energy Partners managed the press outreach to solicit support and appearances by prominent local and State Representatives.

The ceremony featured appearances and presentations, including:

-Senator Chris A Brown

of the 2nd Legislative District of New Jersey, presented a Senate Commendation to Milton & Betty Katz Jewish Community Center

-Durwood Pinkett - Director of Community Relations

of the US House of Representatives, Presented a Proclamation

-Assemblyman Vincent Mazzeo

of the General Assembly, 2nd Legislative District, Presented a Joint Assembly Resolution

-Hosted by the #1 rated "Mike and Diane" Morning Show



From Left to Right: Jeremy Conner, CEO of National Energy Partners; John Rios, CFO of the Milton & Betty Katz Jewish Community Center; Assemblyman Vince Mazzeo of the 2nd Legislative District; Durwood Pinkett, Director of Community Relations for the US House of Representatives; Anthony Edge, Recycle Coordinator, City of Margate.



National Energy Partners completed the installation for the project in the fall of 2019.

Post installation, National Energy Partners will provide the Milton & Betty Katz Jewish Community Center with ongoing services, including monitoring and maintenance to eliminate downtime, and maximize the system's long-term performance and return on the Milton & Betty Katz Jewish Community Center's investment.



From Left to Right: John Rios, CFO of the Milton & Betty Katz Jewish Community Center and Jeremy Conner, CEO of National Energy Partners present Commendations and Joint Proclamation that recognize their commitment to renewable energy.



From Left to Right: Senator Chris A Brown of the 2nd Legislative District of New Jersey, and Diane from 'the #1 rated "Mike and Diane" Morning Show.

