

ENERGY COMMITTEE
SPECIAL MEETING
TOWN OF SOUTH WINDSOR

Minutes

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June 22, 2021

1. Call Meeting to Order

The meeting was called to order at 4:37 p.m.

2. Roll Call

Members Present: Larry Brown, Resident

Hank Cullinane, Resident
Jeff Doolittle, Town Engineer
Hank Cullinane, Resident
Athena Loukellis, Resident
James MacPherson, Resident
Mayor Andrew Paterna, Town Council
Councilor Janice Snyder, Town Council
Sherman Tarr, Resident
Chairperson Stephen Wagner, Resident

Members Absent: Darrell Crowley, Board of Education
Marek Kozikowski, Board of Education
Councilor Cesar Lopez, Town Council

3. Approval of Minutes (May 11, 2021)

Councilor Snyder made a motion to approve the May 11, 2021, minutes. Mrs. Loukellis seconded the motion, and it was approved unanimously.

4. Next Meeting – July 13, 2021, at 4:30 p.m. in the Madden Room

5. Business

- A. Police Station Solar canopies – Jeff
 - a. ZREC Status
 - b. Questions regarding leakage between panels

Mr. Doolittle informed the Committee that Greenskies had submitted an application for ZREC. The Town will not hear if the credits will be

(Discussion Continued on Next Page)

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ITEM:

5. A. (Continued)

received until July or August. The paving at the Police Department will be held off until the footings for the canopy structure are installed, which is estimated to not happen until spring. Chief Lindstrom has questions regarding clearance. Greenskies has agreed to make sure there is clearance for all vehicles. Chief Lindstrom has had concerns regarding leakage between panels creating freezing on the pavement. Chief Lindstrom spoke with the Deputy Chief in Cheshire, and Mr. Doolittle spoke with the Director of Public Works. They both stated that it is a problem in the winter, and Cheshire goes over to the panels twice a day when it snows and treats the paved lot. Greenskies has given two solutions to this problem which are to put in rubber gaskets between panels or to install roofing panels under the solar panels. Greenskies stated that either solution would cost more, so there has been an increase in the electricity rate. If the Town goes with the gaskets, the electricity rate will increase to 11.5, and if the Town goes with roof panels, the electricity rate will increase to 12.6. Without either solution, the electricity rate is at 10.5.

Committee members discussed the two solutions and where credits from different projects could be used. Chairperson Wagner informed the Committee that presently the Community Center and pump stations are available to receive credits. Chairperson Wagner then explained that he learned at a seminar that if a roof is built under the solar panels, it changes the structure to a carport which is not supported by the tax credits, although the solar panels still would be.

B. CHEAPR (CT Hydrogen and Electric Automobile Purchase Rebate)

Mr. Cullinane explained that there is a rebate through the motor vehicles greenhouse gas registration fee, which takes on about \$8,000,000 annually. There is \$5,000,000 that goes into the general fund, and \$3,000,000 goes into this CHEAPR program. There are rebates for electric vehicles. They are doing about 30 per week at this time, but it has peaked at 100 rebates per week. The Energy Committee might want to do a promotion to let people know about this rebate.

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5. Business

- D. Live Green CT's Municipal EV Readiness Toolkit 9 Month Program
b. Approaches to EV charging – Yaron Vilosny of Greenspot

Mr. Yaron Vilosny from Greenspot came before the Committee and gave a presentation regarding "EV Charging and Smart Mobility Solutions," as shown in **Exhibit A**.

Mr. Vilosny answered various questions from the Committee and explained that the minimum number of chargers to be installed in the community would be 2 or 3 with extra conduits. Mr. Vilosny will send the Committee a sample RFP and a copy of the contract. Chairperson Wagner and Jeff Doolittle will talk further with Mr. Vilosny regarding this proposal.

- C. Town Manger's proposal that we take over Sustainable CT for Town

Chairperson Wagner explained that the Town Manager is proposing that the Energy Committee take over the Sustainable CT process.

Mr. Doolittle stated that he spoke to Michele Lipe, who has been leading the Sustain CT process, and she explained that it is a lot of work. The benefit to doing Sustainable CT is that the Town received matching grants.

Committee members discussed this item in length and felt that this is not something the Energy Committee could take over but should be addressed at the Town Council level. Sustainable CT should be supported by the Council, and other Commissions need to be involved.

- D. Live Green CT's Municipal EV Readiness Toolkit 9 Month Program
c. Strategy Discussion

Mr. Doolittle stated that he and Mr. MacPherson met on June 21, 2021, to discuss the Municipal Fleet. We are looking at the fleet and what vehicles might be applicable for EV's. There was also discussion about hybrids which is felt to be a good bridge to get to EV.

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ITEM:

5. D. (Continued)

Mr. MacPherson explained the difference between hybrids and EVs. Mr. MacPherson also informed the Committee that he drafted criteria to determine which vehicles would most likely be able to be replaced by a hybrid.

Mr. Doolittle stated that the Police Department had ordered a few hybrid Ford Explorers. He will talk with the Recreation Director and Human Service Director about hybrid vehicles. Mrs. Loukellis said she would keep a line of communication open with Chief Cooney regarding the other vehicles they use, not the fire trucks at this time.

Chairperson Wagner stated that he and Mr. Doolittle would sit down with Mr. Vilosny of Greenspot to discuss EV Charging.

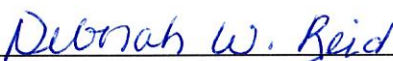
6. Miscellaneous

None

7. Adjournment

At 6:04 p.m., Mr. Doolittle made a motion to adjourn the meeting. Mayor Paterna seconded the motion, and it was approved unanimously.

Respectfully submitted,



Deborah W. Reid
Clerk of the Council



EV charging and Smart Mobility solutions

South Windsor CT

06-22-2021

Cities of the future

Challenges

Transportation is responsible for 29% of greenhouse gas emissions, 95% of energy used for transportation comes from petroleum-based fuels, gasoline and diesel

Mobility demands are straining the aging infrastructure:

- Causing congestion wasted fuel
- Increased noise
- Air pollution
- loss of valuable time

cost of living and doing business is going up

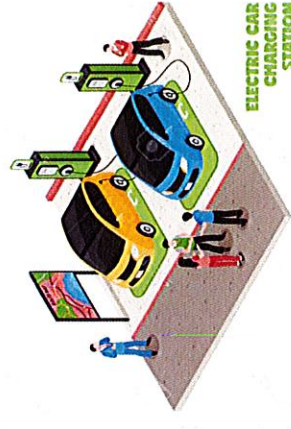
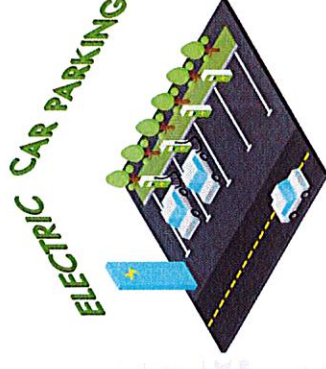
Building the city of the future

Smart charging for EVs is an integral piece of smart infrastructure that will be critical to achieving cleaner, efficient mobility

Mobility systems of the future must be clean, shared, autonomous and multimodal.

Cities that rise to meet the challenge of mobility will reap the benefits:

- ✓ Improved quality of life
- ✓ attracting and retaining more residents
- ✓ Better services for home and city residents
- ✓ New verticals business opportunities

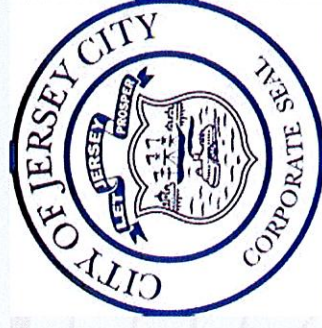


current Programs and Deployment projects



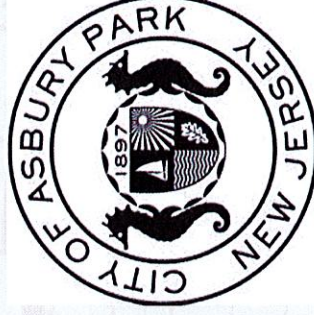
GreenSpot Israel

- 7 municipalities and counting
- 1000 active chargers
- Number 2 installer and operator of EV charging stations in Israel



Jersey City, NJ

- 19 curbside spots, including one DC charger
- First EV Zone in Jersey City
- Partnership with Maven
- One of top utilized locations nationwide



Asbury Park, NJ

- Contract signed for exclusive EV car sharing program in public right of way
- Up to 100 spots
- 80 for car sharing
- 20 for public charging



Virginia Department of Mines, Minerals, and Energy



Virginia Clean Cities advances



Columbus OH



Brookline MA



Newton MA

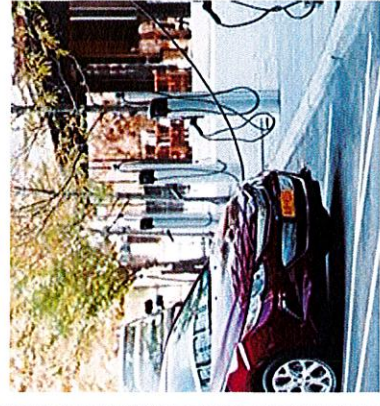
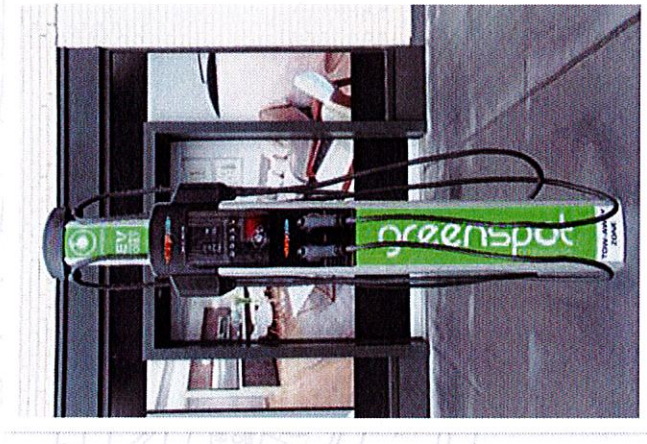
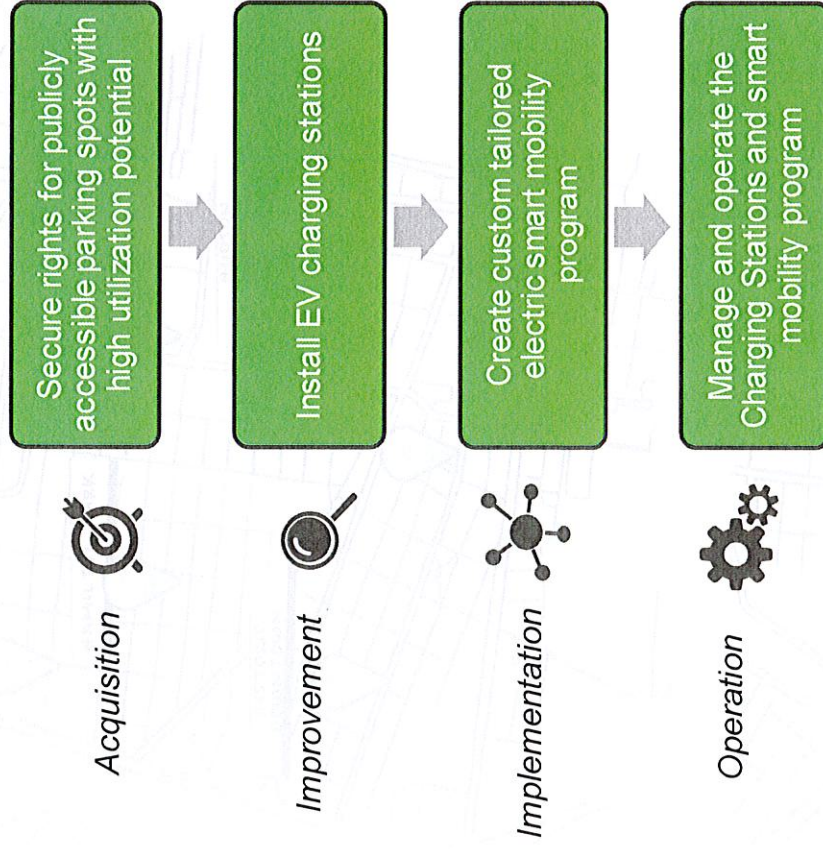


New Rochelle NY



PSEG EVERSOURCE

The Greenspot Process



GREENSPOTS in South Windsor CT



- **Strategize** and map out

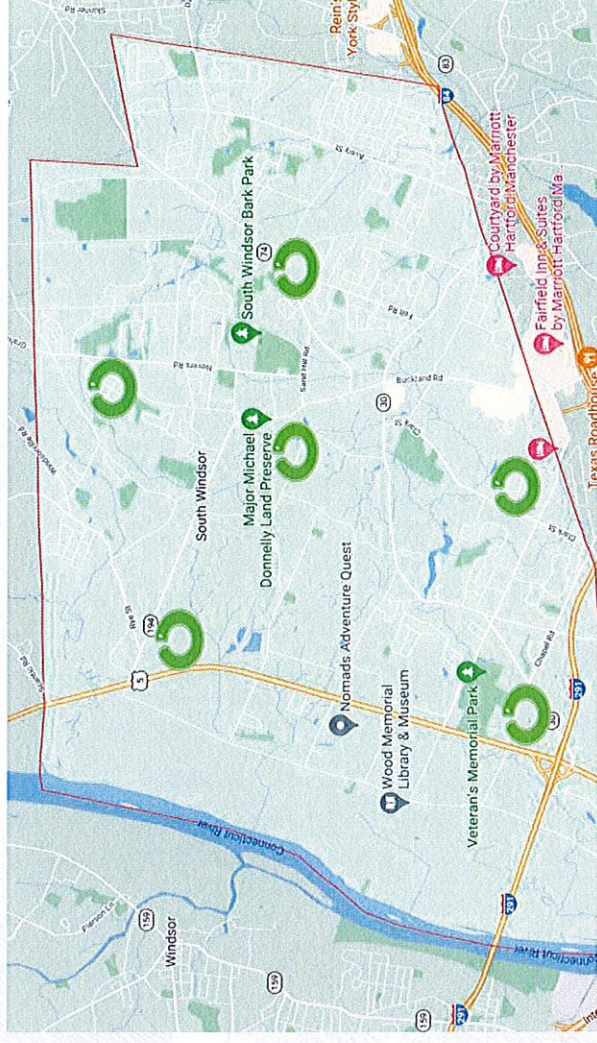
Greenspots

- Considering factors such as, demographic, public transit, schools, parks, points of interest, & tourism

- **Launch** the program

- **Manage** the infrastructure & process

- **Engage** with the community



greenspotTM



Exhibit A

greenspotTM
Smart Mobility

Thank You!



Info@JoinGreenspot.com



[Greenspot_EV](#)



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