TOWN OF Agawam MASSACHUSETTS

Solar Energy in Agawam

Solar Farm Development - A Look Back

Agawam's first two solar farms went "on-line" in early 2013.

Each of these farms generate 1.5 Megawatts each.

Shoemaker Lane (adjacent to Route 57)

The Shoemaker Lane site has resulted in an approximate savings of $40K - $50K per year in Energy Credits applied to the town of Agawam's electric bill.

Main Street Solar Farm

(behind Main Street Grille, on former landfill site)

The Main Street farm's Energy Credits are applied to HP Hood's electric bill.

(Energy Credits are a calculation of how much Electricity is generated then sold to the Grid by the Solar Farms)

Regulating Solar Energy Systems in Agawam

On Apr. 2, 2018, the Agawam City Council voted to allow solar farms outside of industrial-zoned areas on a special-permit basis. The Council unanimously agreed to create special permits for potential solar farm owners, which would allow owners to operate farms on certain agricultural-zoned properties.

"Solar is a clean renewable energy source, so, that's a positive as far as the town is concerned," said City Council President Christopher Johnson. "It adds to the tax base while potentially allowing property owners – especially if by permit in agriculturally-zoned areas – to have revenue come in for leasing space for solar farms, so they don't have to face selling property and having it be developed versus keeping it open."Solar farms now allowed outside of industrial-zoned areas

New Solar Farm - 311 Shoemaker Lane

Parcel 311 Shoemaker Lane is zoned Agricultural and consists of approximately 60.6 acres.

- **Ground mounted installation**
- **4.9 megawatt**
- **approximately 16,800 panels**
- **approximately 16 acres of the parcel.**

Agawam solar array will pay $75K per year.

The town will receive more than $75,000 per year in personal property taxes from the large solar array.

The 20-year agreement is expected to pay more than $75,000 in the first year, rising 2% per year.

The property is owned by Timothy Zielinski and Halladay Farm Trust, but the taxes will be paid by Engie North America Inc., which will operate the solar facility.

Newest Solar Farm Plan - Tuckahoe Farm

Old Tuckahoe Turf Farm consists of 380 acres

- **Ground-mounted installation**
- **Estimated 50 acres**
- **Estimated 4.7 megawatts**
- **Estimated construction completed in Fall 2021**

The solar farm is a part of Mayor William Sapelli's extensive plan to renovate the 380-acre parcel that used to be Tuckahoe Farm. Fifty of those acres will be dedicated to the array, which will help pay for development in other parts of the farm.

New Agawam solar farm anticipated to be completed by this fall

Residential Solar in Agawam

In Agawam, from 2016 to May 2019, there have been 284 permits for residential solar, either rooftop or ground mounted.

Residential solar energy systems, building-integrated, roof-mounted, and small scale energy systems are allowable in all zoning districts.

A roof-mounted system can be any size; a ground-mounted system can occupy 1, 750 sq. ft. of surface area or less. There are other requirements that must apply *(Article XX1 Solar Energy Systems)*

Residential Solar in Agawam

Ridge Avenue

- **22 ground mounted panels**
- **7 kilowatts capacity at any given time**
- **Monthly Eversource electric bill includes our As an example, from April, 2020 through March, 2021, our electrical usage was 4352 kwh, and our Solar electrical production was 5241 kwh. We produced 889 kwh more sustainable electricity than we used and our average electric bill was less than zero$!**

Residential Solar in Agawam

Pineview Circle

- **35 rooftop panels**
- **capable of generating an yearly day average of 40 kw/day.**
- **The homeowner uses half of that electricity and sells the other half back to its electricity provider.**

Solar Use in Agawam's Commerce

V&F Automotive
Sales and Service
Springfield Street