

Town of Pompey
ECC Meeting Minutes
September 5, 2024

ATTENDEES: Phil George, John Herrington, Martha Viglietta, Craig Dennis, Adam Scalisi, Kathleen Bertuch

APPROVAL OF MINUTES: No meeting held in August.
Recording secretary for September: Kathleen Bertuch

UPDATES:

Chair: Opened for questions on previously received Town Employee Handbook. All present declined further questions at this time. No further updates.

Deputy Chair: No updates at this time.

NEW BUSINESS: None at this time.

CONTINUING BUSINESS:

A. Town of Pompey Solar Site Suitability Analysis

- Geographic Information System (GIS) students from SUNY College of Environmental Science and Forestry (ESF) have completed a Tier 3 Solar Site Suitability analysis of the Town of Pompey.
- Parcel suitability criteria included: percentage designated as prime farmland or farmland of statewide importance; area available for system installation; percentage of open space; percentage of parcel with south-west facing aspect (see attached ESF 300 Term Project 2024).
- The presence or absence of existing Tier 3 power lines was not considered in the analysis.
- The report and site map will be submitted to the Town Planning Board to assist in the review of potential, future solar applications.

B. Seasonal Contests - Pumpkin Carving

- The autumn contest will be announced on the Town Webpage
- Entries submitted between October 24 and October 31 will be posted on the ECC tab.
- In the absence of a Town Facebook page, the ECC will develop a procedure to capture public votes.
- Public voting will be open November 1

C. Earth Day 2025

- The Earth Day event will be held on April 26, 2025. Promotion will be conducted through FP school newsletters, public flyers and ECC member online posting efforts
- Funding for additional signage has been requested to help with advanced promotion and day of event traffic flow and parking.

D. Review Master Plan

- No update

E. Cell Towers

- No update

F. Community Engagement

- On hold pending release of the Town's new policy

OPEN DISCUSSION: None at this time.

NEXT MEETING: October 5, 2024 7:00 P.M

ESF 300 Term Project 2024
Option #1 – Multi-criteria Solar Energy Suitability Index

Background:

Solar energy is seen and has been utilized to meet the ever-growing global energy demands primarily due to it being cleaner and more climate friendly. Town of Pompey Environmental Conservation Committee is requesting from SUNY ESF the development of a GIS project containing the following criteria to help with the identification of one or more parcels where Tier 3 solar energy systems could be located in the Town of Pompey without significant community objection.

Using guidance provided by New York State Energy Research and Development Authority (NYSERDA) for developing Model Solar Energy Local Law Requirements (link to document), the Town of Pompey has developed criteria for Tier 3 Solar Energy System Suitability. Some criteria (zoning) make some tax parcels ineligible right off the start, and other criteria (setbacks, road buffer, and flood hazard areas) reduce the area available for system installation. Therefore, prior to applying the ranking criteria, you need to:

1. **remove** ineligible parcels that are zoned as Residential (R), Residential 40 (R-40), Hamlet Residential (HR) and Hamlet Commercial (HC)
2. reduce the size of eligible parcels by removing
 - a) 30 ft set back from parcel edge,
 - b) portions that are within 200 ft of a road, and
 - c) portions that are in flood hazard areas.

Criteria For Ranking Potential Tier 3 Site Suitability

(links to specific data sets for each criterion are provided on assignment webpage)

<u>Criterion</u>	<u>Values</u>	<u>Value</u>
1. Percentage designated as Prime Farmland or Farmland of Statewide Importance	≤10%	5
	10-20%	4
	20-30%	3
	30-40%	2
	40-50%	1
	>50%	0
2. Area available for system installation after extracting setback, road buffer, and special flood hazard areas (SFHA), plus removing Prime Farmland or Farmland of Statewide Importance.	≥13 ac	5
	11–13 ac	4
	9–11 ac	3
	7–9 ac	2

5-7 ac	1
<5 ac	0

3. Percentage of open space (combination of Barren Land, Shrub/Scrub, and Herbaceous)

≥50%	5
40-50%	4
30-40%	3
20-30%	2
10-20%	1
<10%	0

4. Percentage of parcel with south-west facing (135-270o) aspect.

≥80%	5
60-80%	4
40-60%	3
20-40%	2
10-20%	1
<10%	0

To create overall Suitability Index (values range from 0-20), using the following equation:

$$SI = C1 + C2 + C3 + C4$$

where

C_i = value for criterion i