Instrument #: 2024-04648 05/24/2024 03:11:18 PM Total Pages: 28 ORDNC ORDINANCE Recording Fee: \$ 0.00

Patrick F. Gill, Auditor/Recorder, Woodbury County Iowa

Cover Sheet

Type of Docum	nent: Ord	inance
Boy Preparer Infor (complete name-address and Return	s-phone number)	Daniel J. Priestley, MPA - Zoning Coordinator Woodbury County Community and Economic Development (Planning and Zoning) 620 Douglas Street, Sixth Floor Sioux City, Iowa 51101
Return Docum (complete name-addres		
Taxpayer Information: (complete name-address)		
Grantor(s):	See next page.	2
Grantee(s):	See next page. 2	
Legal Descrip	tion: See n	ext page.

WOODBURY COUNTY, IOWA

ORDINANCE NO. 77

AN ORDINANCE AMENDING THE TEXT OF THE WOODBURY COUNTY ZONING ORDINANCE TO AMEND PORTIONS OF: THE TABLE OF CONTENTS; TO ADD A NEW SECTION ENTITLED SECTION 5.08: UTILITY-SCALE SOLAR ENERGY SYSTEMS (US-SES) CONDITIONAL USE; AND TO INCLUDE THE RENUMBERING OF PAGE NUMBERS.

WHEREAS, WOODBURY COUNTY, IOWA DESIRES TO REGULATE ALL UTILITY-SCALE SOLAR ENERGY SYSTEMS WITHIN THE UNINCORPORATED AREAS OF WOODBURY COUNTY, IOWA; AND

WHEREAS, THE WOODBURY COUNTY BOARD OF SUPERVISORS DESIRES TO REGULATE THE CONSTRUCTION, INSTALLATION, AND OPERATION OF UTILITY-SCALE ENERGY SYSTEMS IN A MANNER THAT PROMOTES ECONOMIC DEVELOPMENT, PROTECTS PROPERTY VALUES, AND ENSURES THE PROTECTION OF THE HEALTH, SAFETY AND WELFARE OF ALL INHABITANTS OF WOODBURY COUNTY WHILE ALSO AVOIDING ADVERSE AND DETRIMENTAL IMPACTS TO RURAL RESIDENTS, THEIR ECONOMIES, UNSIGHTLINESS ON AGRICULTURAL LANDS, CONSERVATION LANDS AND OTHER SENSITIVE LANDS; AND

WHEREAS, IN ADDITION TO HOME RULE AUTHORITY, THE WOODBURY COUNTY BOARD OF SUPERVISORS IS EMPOWERED TO REGULATE THE ORDERLY DEVELOPMENT AND PROPER USE OF SOLAR ENERGY BY ESTABLISHING CERTAIN PROCEDURES FOR OBTAINING ACCESS TO SOLAR ENERGY UNDER CERTAIN PROVISIONS OF IOWA CODE CHAPTER 564A; AND

WHEREAS, THE WOODBURY COUNTY BOARD OF SUPERVISORS HAS TAKEN INTO CONSIDERATION THE THOUGHTS, BELIEFS, SUGGESTIONS AND VIEWS OF WOODBURY COUNTY CITIZENS AND RESIDENTS IN THE DEVELOPMENT OF THIS ORDINANCE.

NOW, THEREFORE, BE IT ENACTED BY THE BOARD OF SUPERVISORS OF WOODBURY COUNTY, IOWA THAT THE BELOW ZONING ORDINANCE LANGUAGE AMENDMENTS BE MADE:

Amendment #1 -

In the Table of Contents, on page iii: To add "Section 5.08: Utility-Scale Solar Energy Systems (US-SES) Conditional Use" under the Article 5, Supplemental Requirements category 83.

In the Table of Contents, on page iii: To repeal and replace "Section 6.01: Construction of Terms 83" with "Section 6.01: Construction of Terms 97".

In the Table of Contents, on page iii: To repeal and replace "Section 6.02: Definitions 83" with "Section 6.02: Definitions 97".

Amendment #2 -

Following the addition of Section 5.08: Utility-Scale Solar Energy Systems (US-SES) Conditional Use, to appropriately renumber the subsequent page numbers for ARTICLE 6. DEFINITIONS, Section 6.01: Construction of Terms, and Section 6.02: Definitions.

To repeal and replace the start page of "Article 6. Definitions" from page 83 to page 97.

To repeal and replace the start page of "Section 6.01: Construction of Terms" from page 83 to page 97.

To repeal and replace the start page of "Section 6.02: Definitions" from page 83 to page 97.

Amendment #3 -

Beginning on page 83, to add the following section to be known as Section 5.08: Utility-Scale Solar Energy Systems (US-SES) Conditional Use.

Section 5.08: Utility-Scale Solar Energy Systems (US-SES) Conditional Use

- 1. **Statement of Intent.** The purpose of this Section is to regulate the construction, installation, and operation of Utility-Scale Solar Energy Systems (US-SES) in Woodbury County, in a manner that promotes economic development, protects property values, and ensures the protection of health, safety, and welfare while also avoiding adverse impacts to important areas such as agricultural lands, conservation lands, and other sensitive lands.
 - If this Section conflicts with any other provision of the Woodbury County Zoning Ordinance, this Section shall control.
- 2. **Definitions.** For use in this Section, certain terms or words used herein shall be interpreted or defined as follows:
 - A. **Applicant**. The person or entity submitting the application under this Section, which is normally expected to be the owner or operator of a US-SES, or the owner of the US-SES development.
 - B. Conditional Use Permit (CUP). A use that is allowed in conformance with the regulations of the zoning district in which it is located, if and only if, approved by the Board of Adjustment as provided in subsection 2.02-9.

- A CUP issued by the Woodbury County Board of Adjustment is required before associated building permit(s) can be issued in unincorporated Woodbury County.
- C. Concentrating Solar Power Systems. A system that generates solar power by using mirrors, lenses, or similar reflecting surfaces to concentrate sunlight collected over large areas onto smaller focal areas. Concentrating solar power systems are prohibited.
- D. Feeder Circuits/Lines. A power line or network of lines used as a collection system that carries energy produced by a solar energy system to an interconnection point like a substation. Feeder circuits are most often placed underground.
- E. Glare/Glint. Light reflected off of a surface.
- F. **Ground-Mounted System.** A system where a rack(s) of panels is mounted on concrete posts or poles anchored in the ground and are wired or plumbed to an adjacent home or structure.
- G. Interconnection. Link between a generator of electricity and the electric grid. Interconnection typically requires connection via infrastructure such as power lines and a substation, as well as a legal agreement for the project to be connected to the grid.
- H. **Module.** An individual unit comprised of multiple photovoltaic (PV) cells, with multiple modules used in a solar energy system.
- I. **Mounting.** The method of anchoring solar energy system modules to the ground or a building.
- J. **Non-Participating Landowner**. A landowner who has not signed a binding agreement with the Applicant/Developer/Owner of the US-SES project.
- K. Occupied Residence. A building designed for, and occupied on a regular basis (50% or more of the year, and is currently occupied or has been occupied in the last two years) as an abode.
- L. Operator. The entity or individual that operates a US-SES.
- M. **Owner.** The entity or entities with an equity interest in the US-SES, including their respective successors and assigns. Owner does not mean the landowner from whom a lease, easement, or other property right is acquired for locating the US-SES unless the landowner has an equity interest in the US-SES.

- N. **Participating Landowner**. A landowner under lease, easement or other binding property agreement with the applicant, developer, or owner of the US-SES.
- O. Photovoltaic (PV) Cells. Semiconductors which generate electricity whenever light strikes them; generally grouped on panels.
- P. **Project Area.** The geographic area encompassing all components of a US-SES project, including border fencing.
- Q. **Property Line.** The legal boundary between separately owned real estate parcels, and between privately owned parcels and public owned land or public right of way.
- R. **Setback.** The minimum distance from a certain object, structure or point to the edge of any part or component of the US-SES.
- S. **Solar Array.** Equipment used for private or utility scale solar energy systems. Can be mounted on primary or accessory structures, on a racking system affixed to the ground, or integrated as a mechanical or structural component of a structure.
- T. **Solar Collector.** A device, structure or part of a device or structure for which the primary purpose is to transform solar radiant energy into thermal, mechanical, chemical, or electrical energy.
- U. **Solar Easement.** An easement created to protect a solar project from encroachment by adjacent properties which would shade panels. See lowa Code 564A.
- V. **Solar Energy**. Radiant energy received from the sun that can be collected in the form of heat or light by a solar collector.
- W. Solar Energy Systems, Private. An energy system that converts solar energy to usable thermal, mechanical, chemical, or electrical energy primarily for immediate onsite use that already has an existing principal use on the same parcel. Solar Energy Systems, Private shall be allowed only as a non-utility scale accessory use to a permitted principal use. Surplus energy sold back to a utility must comply with all applicable laws including but not limited to Section 199, Chapter 15.11(5) of lowa Administrative Code, and all requirements of the lowa Utilities Board. Systems can be mounted on primary or accessory structures, on a racking system affixed to the ground, or integrated as a mechanical or structural component of a structure.

- X. Solar Energy Systems, Utility Scale (US-SES). An energy system, commonly referred to as a "solar farm", which converts solar energy to useable thermal, mechanical, chemical, or electrical energy primarily for transmission through the electrical grid for offsite use or wholesale and/or retail sale. Systems can be mounted on primary or accessory structures, on a racking system affixed to the ground, or integrated as a mechanical or structural component of a structure. Utility scale solar energy systems do not include concentrating solar power (CSP) systems.
- Y. **Solar Panel**. 1) A grouping of photovoltaic cells used to generate electricity directly from sunlight. A grouping of these panels is called an array. 2) A panel circulating water or other liquid through tubes to collect, transfer and store the sun's heat for domestic hot water and building heat.
- Z. Solar Storage Battery. A device that stores energy from the sun and makes it available in an electrical form.
- AA. **Solar Storage Unit**. A component of a solar energy device that is used to store solar-generated electricity or heat for later use.
- BB. **Substation.** A facility that converts electricity produced by a generator like a solar energy system to a higher voltage, allowing for interconnection to high-voltage transmission lines.
- CC. **System Height.** The height of a solar energy system, usually referring to ground mounted systems. Total system height is the measurement from the ground to the top of the mounting or modules associated with a system.
- DD. **Transmission lines.** Power lines used to carry electricity from collection systems or substations over long distances.
- 3. **Applicability.** Section 5.08 applies to US-SES within unincorporated Woodbury County. It shall be unlawful to construct, erect, install, alter, locate, or operate any US-SES within unincorporated Woodbury County, without first obtaining a Conditional Use Permit from the Woodbury County Board of Adjustment.
 - At all times, US-SES shall comply with the terms of the Conditional Use Permit, the agreements and plans associated with the Conditional Use Permit, and the Woodbury County Zoning Ordinance.
- 4. Conditional Use Permit (CUP). US-SES shall require a Conditional Use Permit within the General Industrial (GI) Zoning District. US-SES is prohibited in all other Zoning Districts in Woodbury County. This use shall be subject to the procedures and standards included in this Ordinance. Concentrating solar power systems are prohibited.

- 5. **Application Materials.** In addition to all submittal requirements of a conditional use application, the application for a US-SES installation shall include the following information on the site plan or in narrative form, supplied by the utility scale installation owner, operator or contractor installing the structures:
 - A. The name and address of the applicant, as well as the proposed owners or operators of the project, including the contact information (name, address, telephone and email) of their authorized representatives. The application shall designate the entity who requests the Conditional Use Permit.
 - B. A certified abstractor listing of the names and mailing addresses of all owners of real property lying within one (1) mile from the subject property shall be provided with the application.
 - C. Legal descriptions of all properties, leased and/or owned, identified to be part of the project area.
 - D. Location and size of existing and proposed structures.
 - E. Location and layout of vehicle parking, loading and queuing areas, street accesses, and driveways.
 - F. Number, location and spacing of solar panels/arrays.
 - G. Planned location of underground or overhead electric lines.
 - H. Project development timeline which indicates how the applicant will inform adjacent property owners and interested stakeholders in the community.
 - I. Pre-construction survey of nearby roads that may be impacted by construction of the facility.
 - J. Flood hazard area designations
 - K. Interconnection Agreement.
 - L. Operation and Maintenance Plan.
 - M. Decommissioning Plan.
 - N. Soil Erosion and Sediment Control Plan
 - O. Setback analysis showing the minimum setback requirements, or any agreed on greater setback provisions, are met by the project.

- P. Emergency Response Plan
- Q. Such other information as the Zoning Director may require to determine compliance with the provisions of this Ordinance.
- 6. **Requirements.** US-SES are subject to the following requirements:
 - A. No application for a US-SES Conditional Use Permit shall be granted without first submitting all required information and documentation, and paying all associated fees to the County.
 - B. **Setbacks.** The Zoning District Dimensional Standards of Section 3.04 shall apply.
 - C. **Height.** A solar panel shall be no less than two (2) feet (Twenty-Four inches) off the ground. A solar panel shall not exceed twenty (20) feet in height above grade at maximum tilt of the solar panel(s).
 - D. **Screening.** Project shall provide vegetative screening for all residences within 200 feet of the project boundaries.
 - (1) Applicant shall submit a screening plan for each residence within 200 feet of the project boundaries.
 - (2) Screening may be waived by the owner of a residence. Waiver must be in writing and recorded.
 - (3) Screening may be waived by the Board of Adjustment upon submission of a viewshed study from the applicant demonstrating that the project is not within the viewshed of the dwelling due to topography, existing vegetation, or other factors. The point of reference used in the viewshed study shall be as close to the dwelling as possible.
 - (4) Any vegetative screening within the project boundaries shall be maintained throughout the life of the project by the project owner. Any screening on the dwelling property shall be maintained by the project owner for no less than twelve months.
 - (5) Deciduous trees shall have a minimum caliper of 1.5" when planted, shall be at least six (6) feet tall within three (3) years of installation, and shall have a minimum mature height of twelve (12) feet.
 - (6) Screening plans shall use no less than two varieties of tree.

- E. **Utility connections.** Reasonable efforts shall be made to place all utility connections from the solar installation underground, depending on appropriate soil conditions, shape and topography of the site, distance to the connection, or other conditions or requirements.
- F. **Glare minimization.** All solar panels must be constructed to minimize glare or reflection onto adjacent properties and adjacent roadways and must not interfere with traffic, including air traffic, or create a safety hazard.
- G. **Appurtenant structures**. All appurtenant structures shall be subject to bulk and height regulations of structures in the underlying zoning district.
- H. **Floodplain considerations.** Utility scale solar installations are considered to be maximum damage potential structures and facilities for purposes of the floodplain district regulations.
- Fencing/security. A security fence must be installed along all exterior sides of the utility scale solar installation and be equipped with a minimum of one gate and locking mechanism on the primary access side. Security fences, gates and warning signs must be maintained in good condition until the US-SES installation is dismantled and removed from the site.
- J. Compliance with local, state and federal regulations. US-SES installations shall comply with applicable local, state and federal regulations.
- K. **Submittal Requirements.** In addition to the requirements in Section 2.02.9, the applicant shall submit all required materials contained in this Section at the time of the application for a Conditional Use Permit.
- 7. **Permitting Process**. In addition to the items required for a conditional use permit application in subsection 2.02-9. C, the process for a US-SES conditional use permit shall include the following:
 - A. Application for approval of a permit to construct a US-SES shall be submitted to the Zoning Director on a permit application form provided by the Zoning Director and must include any additional information determined by the Zoning Director as necessary to demonstrate compliance with all applicable codes and requirements, along with the application fee, as established by resolution of the Board of Supervisors.
 - B. As conditions for approval, the following agreements must be executed with Woodbury County:
 - (1) Decommissioning, Abandonment, Financial Security, and Site Restoration Plan

- (2) Woodbury County Road Use and Repair Agreement
- (3) Woodbury County Public Drainage System Protection Agreement
- C. Distribution. The Zoning Director shall distribute copies of the application materials to the Planning and Zoning Commission and to the appropriate County departments, and public utilities for comment.
- D. Staff Review. The appropriate county departments shall review the application and prepare reports of their findings and comments to the Planning and Zoning Commission prior to the review.
 - (1) To assure conformance with the goals and objectives of the county's comprehensive plan, the Zoning Director may make recommendations for conditions for approval including use restrictions required to preserve and improve the peace, safety, health, welfare, comfort, and convenience of the future residents of the subdivision and neighboring properties.
- E. All US-SES permit applications shall require review by the Woodbury County Planning and Zoning Commission and approval by the Woodbury County Board of Adjustment following the standards and procedures for Conditional Uses as outlined in Section 2.02-9 of the Woodbury County Zoning Ordinance and shall follow the same schedule for submitting applications.
- F. Expiration. A Conditional Use Permit issued by the Board of Adjustment for a US-SES shall expire at the end of one (1) year from issuance if a US-SES building permit has not been obtained from the Board of Supervisors as provided in subsection 5.08-8. After expiration, a new US-SES conditional use permit application would have to be filed and approved prior to application for a US-SES building permit.
- 8. **US-SES Building Permit Requirement.** In addition to the requirements of the Conditional Use Permit, each US-SES project must obtain an approved US-SES Building Permit from the Board of Supervisors prior to the start of any construction. An approved US-SES Building Permit shall be valid for one (1) year from the date of its issuance. The Zoning Department will supply a US-SES Building Permit application form to be used by any person or entity seeking to construct a US-SES project. The application shall contain:
 - A. The name and address of the applicant, as well as the proposed owners or operators of the project, including the contact information (name, address, telephone and email) of their authorized representatives. The application shall designate the entity who will be the permit holder of the US-SES Building Permit.

- B. A Final Development Plan for the project, which shall contain aerial images of the entire proposed project area, showing the proposed location of the solar arrays, private access roads, feeder lines, substations and all other components of the project. The Plan shall show property lines and setback distances, as well as all public roads and public drainage district facilities (i.e. ditches and underground tiles) in the project area. The Plan shall also identify any wind turbines, communication antennae, and airports (including private airstrips) located within five (5) miles of the project area; city boundaries within two (2) miles; and all lakes, permanent water courses and Public Conservation Areas within three (3) miles of the project area boundaries. In providing the above information, the Plan shall use a GPS coordinate system that is compatible with the County's geographical information and data systems. The Plan shall also include a mailing address for the owner of each communication antenna identified.
- C. Project details, including the name of the project, the final number of arrays, generating capacity, and all the requirements of the Conditional Use Permit application as included in this Section.
- D. Approval. Approval of the US-SES building permit by the Board of Supervisors shall be based upon findings that the proposed use of the site and the proposed location and dimensions of the structure(s) on the subject parcel(s) of real property comply with the zoning provisions of this ordinance, the conditions of the Conditional Use Permit and that no longer than one year has passed since the issuance of the Conditional Use Permit. The Board of Supervisors must also ensure that agreements and plans as outlined in this Section are in place as part of the building permit issuance process.
- E. Denial. If a building permit application is denied, the application shall be returned to the applicant with a written explanation of the reasons for the denial.
- F. Expiration. A building permit shall expire and become void if the construction or change in use of the property has not commenced within one year after issuance. If necessary, additional one-year renewals may be approved at the sole discretion of the Board of Supervisors.

9. Woodbury County Road Use and Repair Agreement

A. Roads. Applicants shall adhere to the Woodbury County Road Use and Repair Agreement, and in doing so, shall identify all roads to be used for the purpose of transporting solar components, substation parts, cement, and/or equipment for construction, operation or maintenance of the solar installation and obtain applicable weight and size permits from the impacted road authority prior to construction.

B. Existing Road Conditions. Applicants shall conduct a pre-construction survey, in coordination with the impacted local road authorities to determine existing conditions of roads identified pursuant to Section 6.1. The survey shall include photographs or video and written documentation of the condition of the identified road facilities. The applicant is responsible for on-going road maintenance and dust control measures identified by the County Engineer during all phases of construction.

10. Woodbury County Public Drainage System Protection Agreement

- A. Applicants shall adhere to the Woodbury County Public Drainage System Protection Agreement, and in doing so, shall be responsible for immediate repair of damage to public drainage systems stemming from construction, operation or maintenance of the US-SES (where required).
- 11. **Operation and Maintenance Plan.** The applicant shall submit a plan for the operation and maintenance of the solar installation including all necessary services, frequency of service, preventative maintenance measures, and monitoring. The operation and maintenance plan should include at a minimum:
 - A. Preventative maintenance practices and schedules for all on-site equipment including but not limited to: inverters, panels, equipment pads, tracking systems, transformers, access entrances, internal roads, gates, fencing, security systems, stormwater management installations.
 - B. Annual reporting and verification to the Zoning Director on the status or changes to ongoing service schedule.
 - C. Schedule of all other monthly, annual, or semiannual reporting requirements for other submittals including: agricultural impact mitigation plan, decommissioning plan, and vegetation management plan.
 - D. Noise. No operating solar energy equipment shall produce noise exceeding any of the following limitations, with the exception of initial construction and routine maintenance. Adequate setbacks and effective noise mitigating equipment shall be used to comply with these limitations:
 - (1) An hourly average noise level of fifty-five (55) dBA during the day (between sunrise and sunset), and an hourly average noise level of fifty (50) dBA at night (between sunset and sunrise), as measured at the occupied dwelling of any adjacent property containing an existing residential structure. If the ambient sound pressure level exceeds 55 dBA during the day or 50 dBA at night, the standard shall be the ambient Leq (equivalent continuous sound pressure level) plus 5 dBA.

- (2) A baseline noise evaluation shall be completed by a board certified professional by the Institute of Noise Control Engineering (INCE), or an appropriately licensed Professional Engineer (PE) prior to construction of the proposed solar site.
- (3) A post-construction noise evaluation shall be performed by a third-party board certified professional by the Institute of Noise Control Engineering (INCE), or an appropriately licensed Professional Engineer (PE) following commencement of commercial operation of the project to verify compliance with the County's standards.
- (4) The owner(s) of adjacent properties within 500 feet may voluntarily agree, by written and recorded waiver, to a higher noise level.
- E. Issue resolution protocols. Contact information for responsible party to address issues that may arise (damaged equipment causing excessive noise, etc.).
- F. Disposal/recycling plan for damaged or obsolete facility equipment or hazardous waste. No storage of inoperable or obsolete equipment shall be allowed to remain on-site. Site operator shall be responsible for the cleanup of debris related to storm damage.
- G. Cleaning chemicals and solvents. During operation of the proposed installation, all chemicals or solvents used to clean photovoltaic panels should be low in volatile organic compounds and the operator should use recyclable or biodegradable products to the extent possible. Any on-site storage of chemicals or solvents shall be referenced.
- H. Maintenance, repair, or replacement of facility. Maintenance shall include, but not be limited to, painting, structural repairs, and integrity of security measures. Site access shall be maintained to a level acceptable to emergency response officials. Any retrofit, replacement or refurbishment of equipment shall adhere to all applicable local, state and federal requirements.
- I. Repowering. Proposals to replace more than twenty five percent (25%) of the panels in a facility within a twelve (12) month period will be required to submit a new Conditional Use Permit application based on the requirements in this ordinance for review and approval. A repowering event does not include replacement of panels in previously approved locations due to weather damage, equipment failure, or a force majeure event.

- (1) The plan shall include updated information for some or all or the reports and plans required by this section, as determined necessary by the Zoning Director.
- (2) The Board of Adjustment shall review and approve, conditionally approve, or deny the repowering plan as per the requirements of Sections 2.02.9 and 5.08.

12. Decommissioning, Abandonment, Financial Security, and Site Restoration Plan.

- A. The application must include a decommissioning plan that describes the following:
 - (1) The anticipated life of the utility scale solar installation.
 - (2) The anticipated manner in which the project will be decommissioned, including plans to recycle components and dispose of any hazardous materials.
 - (3) The anticipated site restoration activities.
 - (4) The estimated decommissioning costs in current dollars.
 - (5) The method for ensuring that funds will be available for decommissioning and restoration of the site.
- B. Decommissioning cost considerations. The applicant shall provide the estimated cost of decommissioning, excluding the salvage value, should be presented from both the solar applicant and from an independent third-party engineer, at the recommendation of the Woodbury County Engineer, at the expense of the applicant.
 - (1) Removal of any hazardous materials at the facility, as determined by a Toxic Characteristic Leaching Procedure (TCLP) or other similar test approved by Woodbury County and as described in the facility's Operations and Maintenance Plan. TCLP testing shall be performed prior to any ground disturbance at the project site.
 - (2) Salvage value shall not be included in the cost estimate.
 - (3) The estimated decommissioning cost must be updated every 5 years of the project using the same process as the initial decommissioning cost process.
- C. Site restoration activities. Restoration activities shall include, but not be limited to, the following:

- (1) Removal of all components and equipment.
- (2) Soil in project area shall be decompacted and seeded with a cover crop, unless otherwise specified in the approved vegetation plan and/or agricultural impact mitigation plan.
- (3) For any part of the energy project on leased property, the plan may incorporate agreements with the landowner regarding leaving access roads, fences, gates or repurposed buildings in place or regarding restoration of agricultural crops or forest resource land. Any use of remaining structures must be in conformance with the regulations in effect at that time.
- D. Performance agreement and proof of financial surety. At the time of permitting, the applicant, facility owner, or site operator shall provide a Performance Agreement and accompanying financial surety instrument to cover the cost of decommissioning in accordance with the following:
 - (1) Decommissioning funds shall be required in an amount of 125% of the most recent estimated decommissioning total cost paid for by the project owner/developer. The decommissioning funds shall remain in place until one (1) year after the last day of decommissioning unless sooner released by the Woodbury County Board of Supervisors
 - (2) Decommissioning funds shall be maintained in the form of a performance bond, surety bond, escrow account, bank letter of credit, stable parent company guarantee, or other form of financial assurance as approved by the Woodbury County Board of Supervisors. Any financial document evidencing the maintenance of the decommissioning funds shall include provisions for releasing the funds to the County or a contractor hired by the County in the event decommissioning is not timely completed as outlined herein.
 - (3) Prior to any ground disturbance, grading or construction activity on the site, one-hundred twenty-five percent (125%) of total estimated decommissioning costs shall be provided by any of the means listed above.
 - (4) Financial surety shall be maintained for the life of the project.
 - (5) Proof of recertification of the financial surety instrument must be submitted to the County annually. The county shall be notified immediately if the financial security instrument is cancelled, lapses, or otherwise is no longer in effect.

- (6) Every five (5) years, the facility owner or operator shall retain an independent Licensed Iowa Engineer approved by the County to re-estimate the total cost of decommissioning and attest that the value of the financial surety instrument is appropriate. This report shall be filed with the County and shall incorporate any new industry information learned since the last cost determination.
- (7) The required amount of the decommissioning fund shall match the re-estimated cost of decommissioning. Within ninety (90) days of filing the re-estimation report with the County, the facility owner or operator shall cause the fund balance of the financial surety instrument to be adjusted to ensure that it matches 125% of the re-estimated decommissioning cost.
- E. Commencement of site decommissioning. Decommissioning of the site shall commence at the time identified in the project decommissioning plan or performance agreement, or when the facility is determined to have been abandoned.
 - (1) Decommissioning shall be completed in accordance with the approved decommissioning plan.
 - (2) The landowner or tenant shall notify the Zoning Director both when the project is discontinued and when decommissioning is complete.
 - (3) Third-party verification, as well as County verification of completed decommissioning will be required before the financial surety may be released.
 - (4) The facility will be considered abandoned or out of commission in the following circumstances:
 - 1. Upon termination or expiration of the solar farm leases/easements; or
 - 2. After one year without production, storage of energy, or use as a backup facility; or
 - 3. Failure to comply with the terms of the Conditional Use Permit after written notice of infractions from the County and a period of no less than 90 days to allow the operator to bring the US-SES into compliance.
 - 4. Exceptions could be made for:
 - a. A force majeure event that has occurred or is occurring, which will prevent the facility from resuming

operation within 12 months.

- b. If the facility is in the process of being repowered.
- c. The project is pending completion of construction of the facility due to a backlog of cases or service requests in the MISO queue.
- d. A situation in which the project owner can provide evidence to the Woodbury County Board of Supervisors, that the facility's period of continuous inactivity is due to circumstances beyond the project owners control and that the facility has not been abandoned.
- e. Appeal of the notice of abandonment from the county within a set time of the project owner's receipt of the notice in which the project owner explains the reasons for operational difficulty and provides a timeframe for corrective action that the county deems reasonable.
- 13. **Soil Erosion and Sediment Control Plan.** A grading plan shall be submitted and shall include all proposed changes to the landscape of the site (e.g., clearing, grading, topographic changes, tree removal, etc.). The plan shall be accompanied with the following documentation:

A. Erosion and Sediment Control

(1) The applicant agrees to conduct all roadwork and other site development work in compliance with a national pollutant discharge elimination system (NPDES) permit as required by the state department of natural resources and comply with requirements as detailed by local jurisdictional authorities during the plan submittal. If subject to NPDES requirements, the applicant must submit the permit for review and comment, and an erosion and sediment control plan before beginning construction. The plan must include both general 'best management practices' for temporary erosion and sediment control both during and after construction and permanent drainage and erosion control measures to prevent damage to local roads or adjacent areas and to prevent sediment-laden run-off into waterways.

B. Stormwater Management Plan

(1) For the purposes of pollutant removal, stormwater rate and runoff management, flood reduction and associated impacts, the applicant shall provide a detailed analysis of pre- and post-

development stormwater runoff rates for review by local jurisdictional authorities.

14. Emergency Response Plan

- A. The applicant shall submit an emergency response plan prior to any ground disturbance at the project site detailing the planned response actions that will be taken by the solar facility operator, including any battery energy storage systems in the event of an emergency situation. These actions are intended to minimize health risks to personnel and people in the surrounding community, as well as minimize adverse impacts to the environment.
 - (1) The plan shall include, but is not limited to, a detailed narrative of response procedures and the facility representatives responsible for management of the following plausible contingencies that could occur at the facility: natural disaster/severe weather, fire, security incident, capacity/transmission, environmental, chemical, pipeline (if applicable), and medical. It shall include procedures for a site evacuation, designated egress routes and emergency staging areas.
 - (2) The plan shall include a standalone section detailing the emergency response protocols specific to battery energy storage areas (if applicable).
 - (3) The plan shall be developed in coordination with local first responders, Woodbury County Emergency Management & Siouxland District Health personnel.

15. Future Operators

A. Future operators, successors, assignees, or heirs of an US-SES are subject to all conditions of the Conditional Use Permit, its associated agreements and plans, and this Ordinance. The holder of a US-SES Conditional Use Permit shall notify the County at least 90 days prior of the intent to sell or transfer or change operators of the US-SES.

16. Enforcement

A. Violations

(1) It shall be unlawful to locate, erect, construct, reconstruct, alter, repair, convert, or maintain any building, land, or structure, or use any land, building or sign in violation of any regulation in, or any provisions of, this Section, or any amendment or supplement thereto, lawfully adopted by the County Board of Supervisors; or to fail to comply with any requirement or condition imposed by the Board of Adjustment.

- (2) Any person, firm or corporation found to be in violation of any provision of this Section shall be served written notice by the Zoning Director or designee stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. Such person shall, within the period of time stated in the notice, take all necessary action to correct the violation and shall permanently cease such violation.
- (3) Each day during which the violation continues shall be a separate violation.
- (4) A Notice of Violation may be served as a first attempt to gain compliance. If compliance is not met with the sending of a Notice of Violation then a Citation shall be served on the property owner. The offender shall be provided a reasonable time, (not to exceed) thirty (30) days in which to correct the violation. A violation which occurs for a short period of time is observed and there is no other reasonable means for ensuring compliance, be served a citation immediately upon observation of a violation.
- (5) If the violation is not corrected, Woodbury County may seek such remedies, civil or criminal as are authorized by law.

17. Penalty

A. The Zoning Director or designee may assess the maximum civil penalty per day for each violation allowed upon each violation, as outlined in the Woodbury County Zoning Ordinance that continues to exist.

B. Remedies

- (1) If work is being done in violation of any provision of this Section and continues beyond the date of notice and the work is not being done to correct a violation, an immediate stop-work order shall be issued by the Zoning Director. Such order shall be given to the owner of the property, the authorized agent(s), or the person or persons in charge of the activity on the property and shall be posted upon the property. The stop work order shall state the conditions under which work may be resumed.
- (2) Violations by an individual or property owner will prohibit any additional permits for that property or other properties to be

- issued unless said permits will remedy abatement of the violation. Stop work orders will be placed on any work on other property in which the violator is operating or owns.
- (3) If the Zoning Director determines that a violation is an immediate threat to public safety or welfare and the property owner or operator has failed to take corrective action within the time period stated in the notice provided, Woodbury County may take such remedial action as is necessary to protect the public safety or welfare. Such remedial action may include entering the property where a violation is present, correcting the violation, and placing a lien on the property to secure payment and reimbursement of any and all expenses incurred by Woodbury County to correct such violation.
- (4) Woodbury County may seek other such remedies, civil or criminal as are authorized by law.

Severability

Should any section or provisions of this Ordinance be declared by the courts to be invalid or unconstitutional, such decision shall not affect the validity of the Ordinance as a whole, or any part thereof other than the part so declared to be invalid or unconstitutional.

Effective Date

This Ordinance shall be in effect after its final passage, approval, and publication as provided by law.

Passed and adopted by the Woodbury Count day of, 20_24.	ry, Iowa Board of Supervisors on this		
THE WOODBURY COUNTY, IOWA BOARD OF SUPERVISORS			
	Matthew Ung, Chairman Daniel Bittinger II, Vice-Chairman		
Attest: Patrick F. Gill, Woodbury County Auditor	Mark Nelson Keith Radig Jeremy Taylor		
Adoption Timeline: Date of Public Hearing and First Reading Appeare of Public Hearing and Second Reading Date of Public Hearing and Third Reading May 7, 2024 Published/Effective Date May 18, 2024	April 30, 2024		

Sioux City Journal AFFIDAVIT OF PUBLICATION

Sioux City Journal 2802 Castles Gate Drive Sioux City 51106 (712) 293-4250

State of Texas, County of Bexar, ss:

Laquansay Nickson Watkins, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC, duly authorized agent of Sioux City Journal, printed and published by Journal Communications, in Sioux City in Woodbury County and issued daily and Sunday and that this affidavit is Page 1 of 2 with the full text of the sworn-to notice set forth on the pages that follow, and the hereto attached:

PUBLICATION DATES:

May. 18, 2024

NOTICE ID: vjBVnhybbjfJrPljmLAH PUBLISHER ID: COL-IA-500375

NOTICE NAME: ORD-77 Publication Fee: \$127.10

VERIFICATION

State of Texas County of Bexar



Robert Hollie III

ID NUMBER 133582194 COMMISSION EXPIRES February 10, 2026

Subscribed in my presence and sworn to before me on this: $^{05/20/2024}$

Notary Public Electronically signed and notarized online using the Proof platform.

Section 5 DB

1. Enforcement

2. Violations

(1) It is head be unlawful to locate, errod, conctruct, reconstruct, after, repair, consent, or maintain any building, land, or structure, or use any land, building or sign in violation of any regulation in, or any provisions of, this Section, or any amendment or supplement line-eto, lawfully adopted by the County Social of Supervisors; or to fail to comply with any requirement or condition imposed by the Board of Adjustment.

Adjustment.

Any person, firm or corporation found to be in violation of any provision of this Section shall be served written notice by the Zonring Director or designee stating the nature of the violation and providing a reasonable time limit for the satisfactory condition thereof. Such person shall, within the person of oil time stated in the notice, take all necessary action to control the violation and shall permanently cases such violation.

actor to area states in the horous and shall permanently cases such violation to which the violation continues shall be a separate violation.

(3) Early Active of Violation may be served as a first alternative parable violation.

(4) A Notice of Violation may be served as a first alternative parable violation may be served as a first alternative pain compliance. If compliance is not net with the sending of a Notice of Violation then a Chaltion shall be sended in the property owner. The offereder shall be provided a reasonable time, not be consent) thinly (30) days in which to correct the violation. A violation which occous for a shall not have been shall be provided as the state of the sended of these is other reasonable means for ensuring compliance, be served action extraordictly upon observation of a violation.

(5) If the violation is not corrected, Woodbury may seek pure memorial or ordinal as are authorized by law.

1. Penatly

2. The Zoring Director or designeer may assess the maximum of the period or designeer may assess the maximum of the period or designeer may assess.

are automozed by law.

1. Penath;

2. The Zoring Director or designee may assess the naxymum only penalty per day for each violation aboved upon each violation, as outlined in the Woodbury County Zorung Ordinance that continues the exist.

from aboved upon each violation, as outlined in the Woodbury County Zoning Ordinance that continues to exist.

3. Remedies.

(i) If work is born and continues beyond the data of notice and this work is not being done in violation of last Section and continues beyond the data of notice and this work is not being done to correct a violation, an immediate stop-work order shall be issued by the Zoning Orceton. Such order shall be issued by the Zoning Orceton. Such order shall be issued by the Zoning Orceton. Such order shall be issued by the Zoning Orceton. Such order shall be issued by the Zoning Orceton. Such order shall be issued by the Zoning Orceton. Such order shall be issued by the Zoning Orceton. Such order shall be issued by the Zoning Orceton. The property and shall be proseed upon the property. The stop work order shall be proseed upon the property or the property of the pro

Sioux City Journal AFFIDAVIT OF PUBLICATION

Sioux City Journal 2802 Castles Gate Drive Sioux City 51106 (712) 293-4250

State of Florida, County of Orange, ss:

Yuade Moore, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC, duly authorized agent of Sioux City Journal, printed and published by Journal Communications, in Sioux City in Woodbury County and issued daily and Sunday and that this affidavit is Page 1 of 2 with the full text of the sworn-to notice set forth on the pages that follow, and the hereto attached:

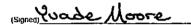
PUBLICATION DATES:

Apr. 18, 2024

NOTICE ID: IKuQQgM1jG3x0lDzWGzu PUBLISHER ID: COL-IA-500160

NOTICE NAME: BOS PH Notice - Utility-Scale Solar

Publication Fee: \$114.23



VERIFICATION

State of Florida County of Orange



PAMELA BAEZ Notary Public - State of Florida

> Commission # HH 188700 Expires on October 14, 2025

Subscribed in my presence and sworn to before me on this: 04/19/2024

Notary Public Notarized remotely online using communication technology via Proof.

To in visition of any previous of the Station shall be served within more by the Zuring Directs or early seed of the visition and explored station and explored station and explored station and explored station to exceed the previous committee treatment station from the station to compile the visition and with permanenty exceed as a station to compile the visition and will previous and the station of visition may be garred as a feed and the stating the parameters of visition may be station of the stating the permanent of visition the end of the stating the permanent of visition the end to be compiled to the station of visition and the visition of visition of visition of visition and the visition of visition and visition of visition of visition of visition of visition and visition of visition

If the control of the

EFFECTIVE DATE:

The Ordinarias shall be in effect either its thall pas-sage, approval, and publication as provided by Nam. COLLANSIONER

Stoux City Journal AFFIDAVIT OF PUBLICATION

Sioux City Journal 2802 Castles Gate Drive Sioux City 51106 (712) 293-4250

State of New Jersey, County of Hudson, ss:

Tatiana Dorval, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC, duly authorized agent of Sioux City Journal, printed and published by Journal Communications, in Sioux City in Woodbury County and issued daily and Sunday and that this affidavit is Page 1 of 1 with the full text of the sworn-to notice set forth on the pages that follow, and the hereto attached:

PUBLICATION DATES:

Mar. 21, 2024

NOTICE ID: D9igCQRkCfgT2seGZaOo

PUBLISHER ID: COL-IA-500026

NOTICE NAME: Woodbury County Public Notice

Publication Fee: \$92.71

(Signed) Tatiana Dorval

VERIFICATION

State of New Jersey County of Hudson

Vance of Holmes

SHANNEA H HOLMES **NOTARY PUBLIC** STATE OF NEW JERSEY My Commission Expires August 1, 2026

Subscribed in my presence and sworn to before me on this: 03/21/2024

Notary Public

Notarized remotely online using communication technology via Proof.

NOTICE OF WOODBURY COUNTY
ZONING COMMISSION PUBLIC HEARING TO CONSIDER AN ORDINANCE
OR ZONING ORDINANCE AMENDMENT TO ADDRESS THE PERMITTING
OF UTILITY-SCALE SOLAR ENERGY
SYSTEMS IN UNINCORPORATED
WOODBURY COUNTY
The Woodbury Coxy Zoning Commission will
have a moding and will hold a public hearing on
the blowing lism herselfor described in debta of
heart 25, 2024 at 800 PM or so soon threating as
the meltius may be corrected, as coon the certains as
the meltius may be corrected as a consistency of the
dead of the control or the consistency of the
Woodbury County County or as coon breating as
the meltius may be obtained by the county
would be consistent or the county of the
countries of the control or the country of the
countries of the control beneforment, on the for
hour of soid our brazes by any interested persons.
All persons who wide to be heard in respect to the
malter should appear at the attended public hearting in pagen or cell 2174-54-1133 and entering in pagen or cell 2174-54-1134 and entering in pagen or cell 2174-54-113 A persons who with to be heard in respect to this malter should appear at the información public hearing in parano or cells 172-8-54-1133 and effect of the properties of the

SURMARYA Amendment #1 - To and "Section 5.08. URBy Scale Scale Energy Systems (US SES) Con-tabonal User subgroys on Fige is with the Vectorary County Zonding Ordinance in the "Cable of Confents" under "AFTICLE 5 SUPPLEMENTAL REQUIRE-MENTS"

SUMMARY: Amendment #2 - To add a new section in the Woodbury Coursy Zoning Ordernate beginning on page 3e outfleed Section 5.0e; bully-Scies Solar Energy Systems (US-SES) Conditional beat lackhalate his conditional to permitting of the lackhalate his conditional to permitting of the lackhalate his conditional to permitting of the section is to lackhalate his conditional to permitting of the lackhalate his conditional to permitting of the section is to lackhalate his construction, instalation, and operation of Lisah-Scaris Solar Energy Systems (US-SES) in Woodbury County, in a manner that gronotice concernic development, profess property vitues, and ensures the protection of health, solely, and websar white also working adverses impacts to important areas such as agricultural lands, conservation lands, and other sealthre lands. This Ordernose and fits provisions shad not apply to those properties or projects occurring within the incorporated oftes of Woodbury County. The onference set projects occurring within the incorporated oftes of Woodbury County. The onference set projects occurring within the incorporated oftes of Woodbury County. The onference set projects occurring within the incorporated oftes of Woodbury County. The onference set projects occurring within the incorporated oftes of Woodbury County. The onference set projects occurring within the incorporated oftes of Woodbury County, and each materials, premit requirement, promitting process, US-SES building permit requirement, promitting process, US-SES building permit requirement, promitting process, US-SES building permitten projects occurring and report presented.

SUMMARY: Amendment #3 — Following the addition of Section 5:08, to appropriately renumber the abbequeup open numbers for ARTICLES. DEFINITIONS and Section 6:01 and Section 6:02 and to appropriately funge the page number references of the Table of Contacts on page 4.

CC: 44-500025

*** Proof of Publication ***

STATE OF IOWA COUNTY OF WOODBURY

The undersigned, of said County, being duly sworn, on oath states the undersigned is an employee of the Sioux City Journal printed and published by Journal Communications, in Sioux City in said County and issued daily and Sunday

Woodbury County Community & Economic Development

620 DOUGLAS ST, 6TH FLOOR - DAN PRIESTLEY SIOUX CITY IA 51101

ORDER NUMBER

67836

Subscribed and sworn before me in Sloux City, in said County,

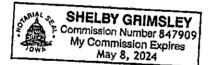
this

day of

Januan

Ulby Krimsley Notary Public

In and for Woodbury County.



Section: Legal

Category: 015 Attorneys & Legals PUBLISHED ON: 01/06/2024

TOTAL AD COST:

88.19

FILED ON:

1/11/2024

*** Proof of Publication ***

o , , , ,

NOTICE OF WOODBURY COUNTY ZONING COMMISSION PUBLIC HEARINGS: 1) TO DISCUSS AND CONSIDER AN ORDINANCE OR ZONING ORDINANCE AMENDANCE OR ZONING ORDINANCE ORDIN

signed comments will be considered and should be received no later than 10:00 AM on Fin., Jan. 19, 2024. Item One (1)

ZONING COMMISSION PUBLIC HEARING FOR PROPOSED UTILITY-SCALE SOLAR ENERGY. SYSTEMS ZONING CROINANCE AMENDMENT(S), DEBATE SUMMARY: To discuss and consider proposals to amend the Woodbury County Zoning Ordinance to Include provisions for the pemilting of utility-scale solar energy systems in the unincorporated areas of Woodbury County in the General Industrial (II), and Agricultural Preservation (AP) Zoning Districts. SUMMARY OF PROPOSED ZONING ORDINANCE TEXT AMENDMENTS (Three Potential Concepts): 1) A utility-scale solar energy systems conditional use permit process for specific zoning districts. 2) A utility-scale solar energy systems overlay district to faciliate utility-scale solar energy systems overlay district to faciliate utility-scale solar permitting within the AP Zoning District. 3) Adopt the first concept and/or transfer the utility-scale solar debate on AP land to the "Comprehensive Plan" adoption 303.4 entitled: Land Use Summary Table of Allowed Uses in Each Zoning District, Portions of: Section 8.02 entitled definitions; and the renumbering of definitions and page numbers as well as the renumbering of sections. The proposals of the Table of Contenting District, Portions of: Section 8.02 entitled definitions; and the renumbering of osections. The proposals of the District Section of sections pertaining to the Board of Supervisors.

the purpose of establishing a recommendation to the Board of Supervisors.

Item Two (2)

ZONING COMMISSION PUBLIC HEARING
FOR PROPOSED WOODBURY COUNTY
COMPREHENSIVE PLAN 2040. SUMMARY:
To discuss and consider a comprehensive
plan for the purpose of establishing a
recommendation to the Board of Supervisors
pursuant to lowa Code Chapter 335.5. The
proposed Woodbury County Comprehensive
Plan 2040 is Intended to serve as an advisory
document that outlines the county's vision.
The purpose of this comprehensive plan is to
provide a current inventory of community
services and resources and a thoughtitul
statement of the community's vision and
goals for the future. The comprehensive plan
rocuteds analysis of the following planning
topics: Housing, Economic Development,
Transportation, Public Infrastructure and
Utilities, Community Facilities and Services,
Land Use and Natural Resources, and
Disaster Response, Recovery and Restillancy.
The draft copy is available for inspection
online at http://inyurl.com/CompPlanWC