

**BUNKER HILL TOWNSHIP
INGHAM COUNTY, MICHIGAN
WIND ENERGY ZONING ORDINANCE AMENDMENTS**

Ordinance No. _____

At a meeting of the Bunker Hill Township Board, Ingham County, Michigan, held at the Township Hall on _____, 2021, at _____ p.m., Member _____ moved to adopt the following Ordinance, whose motion was seconded by Member _____:

An Ordinance to amend the Bunker Hill Township Zoning Ordinance, as amended, to authorize Small Wind Energy Conversion Systems as permitted uses in certain Zoning Districts, authorize Wind Parks as special land uses in certain Zoning Districts, and establish standards for these uses to maintain the public health, safety, and welfare of the citizens of Bunker Hill Township.

BUNKER HILL TOWNSHIP, INGHAM COUNTY, MICHIGAN ORDAINS:

SECTION 1. AMENDMENT OF ARTICLE 2, SECTION 2.2, DEFINITIONS: The Bunker Hill Township Zoning Ordinance Article 2, Section 2.2, Definitions, is amended to add the following definitions, including but not limited to definitions for “Meteorological Tower,” “Wind Energy Conversion System (WECS),” “WECS for On-Site Service Only, Single,” “WECS Height,” and “Wind Park,” and shall include the following:

Meteorological Tower: A free standing tower with meteorological measuring instruments, including but not limited to thermometers, anemometers, wind direction vanes, and pressure sensors. Also known as a MET Tower or MET Mast.

Occupied Building: A residence, school, office, business, hospital, church, public library, or any other building habitually occupied by human presence.

Participating Property: With respect to a Wind Park or Wind Energy Conversion System, a parcel of property which is owned by a person(s) and/or entity(ies) which have authorized the use of their property for a Wind Energy Conversion System or as part of a Wind Park. Any other property shall be referred to as a “***Non-Participating Property.***”

Shadow Flicker: Alternating changes in light intensity caused by the moving blades of a Wind Energy Conversion System casting shadows on the ground and stationary objects, such as, but not limited to, a window of an occupied building.

Wind Energy Conversion System (“WECS”): A wind-powered device for the generation of energy, commonly referred to as a wind generating tower, wind turbine, windmill, or wind-powered generator, consisting of a combination of: (a) the surface area (typically a blade, rotor, or similar device), either variable or fixed, for utilizing the wind for electrical generating powers; and (b) a shaft, gearing, belt, or coupling utilized to convert the rotation of the surface

area into a form suitable for driving a generator, alternator, or other electricity-producing device; and (c) the generator, alternator, or other device to convert the mechanical energy of the surface area into electrical energy; and (d) the tower, pylon or other structure upon which any, all, or some combination of the above are mounted. A WECS can also include other components not listed above but associated with the normal construction, operation, and maintenance of a wind energy conversion system.

WECS for On-Site Service Only, Small (“Small WECS”): A single WECS placed upon a lot or parcel with the intent to service the energy needs of or supplement other energy sources for only that lot or parcel upon which the Small WECS is placed, with a generating capacity less than 25 kW.

WECS Height: The distance between the ground (at a normal grade) and the highest point of the WECS, as measured from the ground (at a normal grade), plus the length by which the rotor blade on a horizontal mounted WECS exceeds the structure which supports the rotor and blades (normally, the tower). Or put another way, the distance between the ground (at a normal grade) and highest point of the WECS (being the tip of the blade, when the blade is in the full vertical position).

Wind Park: One or more WECS placed upon one or more contiguous lots or parcels with the intent to sell or provide electricity to a utility or for resale at retail or wholesale on the electric transmission grid. Although the WECS within a Wind Park may or may not be owned by the owner of the property or properties within the Wind Park, the Wind Park shall consist of all the lots and parcels located within the Township that are in whole or in part within a radius of 2,000 feet from the bases of any and all WECS within the Wind Park, unless the Township expressly provides in the special use permit that the applicant may use a smaller radius or that any properties may be excluded from the Wind Park. If the Township Board permits any properties within the approved radius to be excluded from the Wind Park, then such properties shall be treated for all purposes as outside the Wind Park under this Ordinance.

SECTION 2. AMENDMENT TO ARTICLE 4, SECTION 4.4.2(B), SPECIAL LAND USES, A1, AGRICULTURAL BUSINESS DISTRICT: The Bunker Hill Township Zoning Ordinance Article 4, Section 4.4.2(B), Special Land Uses in the A1 District, is amended to add the following use:

1. - 32. See present Ordinance.
33. Small WECS for on-site service only.

SECTION 3. AMENDMENT TO ARTICLE 4, SECTION 4.4.4(B), SPECIAL LAND USES, R1, LOW DENSITY RESIDENTIAL DISTRICT: The Bunker Hill Township Zoning Ordinance Article 4, Section 4.4.4(B), Special Land Uses in the R1 District, is amended to add the following use:

1. - 20. See present Ordinance.
21. Small WECS for on-site service only.

SECTION 4. AMENDMENT TO ARTICLE 4, TO ADD SECTION 4.4.10, WIND ENERGY OVERLAY DISTRICT: The Bunker Hill Township Zoning Ordinance Article 4, shall be amended to add Section 4.4.10, Wind Energy Overlay District, providing as follows:

A. Purpose

The Wind Energy Overlay District is intended to provide for Wind Parks and WECS within appropriate open spaces within the Township while preserving and protecting primary agricultural land within the Township.

B. Wind Energy Overlay District

The Wind Energy Overlay District is established and may be located as an overlay district over portions of the Agricultural Business District, A1, as may be designed by the Township under the Michigan Zoning Enabling Act. Land located within such overlay district may be developed according to the provisions of the underlying zoning district or according to the provisions of this Section.

C. Uses Permitted by Special Use Permit

1. Meteorological Tower
2. Wind Park

SECTION 5. AMENDMENT TO ARTICLE 9, SECTION 9.2, DEVELOPMENTS AND USES REQUIRING SITE PLAN REVIEW: The Bunker Hill Township Zoning Ordinance Article 9, Section 9.2, is amended to require Site Plan review of Small WECS for On-Site Service Only and provide as follows:

- A. – G. See present Ordinance.
- H. Small WECS for On-Site Service Only.
- I. All special land uses unless otherwise specified.
- J. Other uses as required elsewhere herein.

SECTION 6. AMENDMENT TO ARTICLE 9, TO ADD SECTION 9.4.1, SMALL WECS FOR ON-SITE SERVICE ONLY: The Bunker Hill Township Zoning Ordinance Article 9, is amended to add Section 9.4.1, Small WECS for On-Site Service Only and provide as follows:

Section 9.4.1 Small WECS for On-Site Service Only:

- A. Small WECS applications of wind energy conversion systems to service the energy needs of only the property where the structure is located may be approved in a zoning district as a permitted use subject to minor site plan review, provided the property upon which the WECS is located is at least three and one-half (3-1/2) acres in size and complies with all applicable federal, state, and local laws, rules, and regulations.
- B. Small WECS are subject to the minor site plan review and approval procedures and standards/criteria of this Ordinance, as well as the following:
 1. The tower shall not exceed 100 feet.
 2. The blade diameter (tip to tip) shall not exceed 60 feet.

3. The height of the overall WECS (with the blade in vertical position) shall not exceed 130 feet above ground level (at a normal grade).
4. The distance of the structure from all property lines and other Small WECS on a parcel shall be at least 150% of the height of the tower to the top of the rotor.

SECTION 7. AMENDMENT TO ARTICLE 5, TO ADD SECTION 5.37, WIND PARKS:
The Bunker Hill Township Zoning Ordinance Article 5 is amended to add Section 5.37, entitled “Wind Parks” providing as follows:

Section 5.37 Wind Parks:

- A. Purpose: The purpose of this Section is to establish standards for the siting, installation, operation, and removal or repair of WECS within Wind Parks as a special use.
- B. Application Materials:
 1. Application; Signatures: The application for special use for a Wind Park shall be submitted on a form prepared for that purpose by the Township. The application shall include individual, notarized contracts with all property owners within the Wind Park for all Participating Properties within the Wind Park. Any properties not so identified shall be presumed to be non-participating properties and shall not be part of the Wind Park.
 2. Submission Requirements: The applicant shall submit one electronic and seven physical copies of the application and all supporting materials to the Township Zoning Administrator. The Zoning Administrator will cause the application to be placed on the Planning Commission’s next regular meeting agenda.
 3. Site Plan Drawing and Supporting Materials: All applications for a Wind Park special use must be accompanied by a detailed Site Plan, drawn to scale and dimensioned, and certified by a registered professional engineer licensed in the State of Michigan, displaying the following information.
 - i. All requirements for a site plan contained in this Ordinance.
 - ii. All requirements of the design standards contained in this Section.
 - iii. All lot lines and dimensions, including a legal description of each lot or parcel within the Wind Park.
 - iv. Names of owners of each participating lot or parcel within the Township that is proposed to be within the Wind Park.
 - v. Location and height of all proposed buildings, structures, electrical lines, towers, guy wires, guy wire anchors, security fencing, and all above ground structures associated with each WECS.
 - vi. Location and height of all buildings, structures, and above ground utilities located or proposed within 1,000 feet of a WECS in the Wind Park.
 - vii. Specific distances to all onsite buildings, structures, and utilities shall be provided.

- viii. Location of all existing and proposed overhead and underground electrical transmission or distribution lines within the Wind Park. All collection lines must be on a participating property.
 - ix. Proposed setbacks between each WECS and from each WECS to all existing and proposed structures within the Wind Park.
 - x. Land elevations at each proposed WECS location and its relationship to the land elevations of all existing and proposed structures within the Wind Park.
 - xi. Access driveways to each WECS, together with a detailed narrative regarding dimensions, composition, and maintenance of each proposed driveway. All access driveways shall be subject to Ingham Road Commission approval, and the use of the drives shall be planned so as to minimize the use of lands for that purpose.
 - xii. The location of all farmland within the Wind Park that is designated for preservation, a written description of the plan for preservation of farmland within the Wind Park, and copies of all easements, restrictive covenants and other documents proposed to be used to achieve that plan.
 - xiii. Planned security measures to prevent unauthorized trespass and access and to warn of potential dangers, during the construction, operation, removal, remodeling or repair of the WECS.
 - xiv. A written description of the maintenance program to be used to maintain each WECS, including removal when determined to be obsolete or abandoned. The description shall include maintenance schedules, the types of maintenance to be performed, and removal procedures and schedules should the WECS become obsolete or abandoned.
 - xv. A copy of the manufacturer's safety measures to prevent uncontrolled rotation or over speeding.
 - xvi. Planned lighting protection measures.
 - xvii. Additional detail(s) and information as required by the special use requirements of the Zoning Ordinance, or as requested by the Planning Commission.
4. Application Escrow Account: An escrow account shall be funded by the applicant when the applicant applies for a special use permit for a Wind Park. The monetary amount placed by the applicant in escrow with the Township shall be estimated by the Township to cover all reasonable costs and expenses associated with the special use permit review and approval process, which costs can include, but are not limited to, reasonable fees of the Township Attorney, Township Planner and Township Engineer, as well as costs for any assessments, reports, or studies which the Township anticipates it may have done that are reasonably related to the zoning review process for the particular application. Such escrow amount shall be in addition to any filing or application fees established by resolution. At any point during the special use permit review process, the Township may require that the applicant place additional monies into escrow with the Township should the existing escrow amount filed by the applicant prove insufficient. If the escrow account needs replenishing and the applicant refuses to do so promptly, the special use permit review and approval process shall cease until and unless the applicant makes the required escrow deposit. Any applicable zoning escrow resolutions or other ordinances adopted by the Township shall also be applicable.

- C. Construction Codes, Towers & Interconnection Standards: Each WECS shall comply with all applicable state construction codes, as well as Federal Aviation Administration (FAA) requirements, the Michigan Airport Zoning Act, the Michigan Tall Structures Act, and local jurisdiction airport overlay zone regulations. The tower shaft shall not be illuminated unless required by the FAA. Each WECS shall comply with the applicable utility, Michigan Public Service Commission and Federal Energy Regulatory Commission interconnection standards.
- D. Preservation: Property located within the Wind Park that is not designated as an immediate location of any WECS and WECS accessory structures is encouraged to be preserved for its existing uses and purposes through the execution and recording of appropriate easements, restrictive covenants, or other documents approved by the Township Board. Although such preservation measures are not required, they will be favorably considered by the Township Board in the review of a special use application under this Section.
- E. Design Standards and Operation:
1. Height: The permitted maximum WECS Height (i.e., total height of each WECS) shall be 450 feet including the blade in the vertical position.
 - i. State and federal regulations may require a lesser height.
 - ii. As a condition of approval, the Township may require a lesser height for WECS if it is determined that it is reasonably necessary.
 - iii. Each WECS shall be constructed with a tubular tower, not a lattice tower.
 2. Setbacks: No part of a WECS (including guy wire anchors) shall be located closer than 250% of the WECS height to any occupied building or other WECS and no closer than 200% of the WECS height to any road or utility.
 3. Rotor or Blade Clearance: Blade arcs created by a WECS shall have a minimum of seventy-five (75) feet of clearance over and from any structure, adjoining property or tree. The minimum blade or rotor clearance above ground level shall be at least seventy-five (75) feet.
 4. Rotor or Blade Safety: Each WECS shall be equipped with both a manual and automatic braking device capable of stopping the WECS operation in high winds.
 5. Tower Access: To prevent unauthorized climbing, WECS shall be enclosed by a locked protective fence at least ten (10) feet high topped with barbed wire fence and must comply with at least one of the following provisions:
 - i. External tower climbing apparatus shall not be located within twelve (12) feet of the ground.
 - ii. A locked anti-climb device shall be installed and maintained.
 6. Signs: Each WECS shall have one sign of an appropriate size approved by the Planning Commission posted at the base of the tower on the protective fence. The sign shall contain at least the following:

- i. Warning: High Voltage.
 - ii. Warning: Falling Ice.
 - iii. Manufacturer's name.
 - iv. Emergency numbers (list more than one number).
 - v. FAA regulated sign with precise description with latitude and longitude and shall also contain both the applicant's current telephone number and the current telephone number for the FAA's regional office having jurisdiction over the Township.
7. Lighting: A lighting plan for each WECS shall be approved by the Township Board. The lighting plan must utilize and include detailed plans for an Aircraft Detection Lighting System (ADLS) that manages the WECS' aircraft detection lighting to reduce their illumination when unnecessary. Such plans must describe all lighting that will be utilized, including any lighting that may be required by the FAA. Such a plan shall include, but is not limited to, the planned number and location of lights, light color and whether any lights will be flashing. All tower lighting will comply with FAA regulations and guidance and shall be consistent with USFWS/MDNR guidelines, if any.
8. Signal Interference: Each WECS shall be designed; constructed and operated so far as possible so as not to cause radio, television, and other wireless signal interference. If signal interference is experienced by properties outside the Wind Park, and the WECS is determined to cause radio, television, or other wireless signal reception to be degraded from the conditions prior to the installation of the Wind Park through the proper utilization by an expert of relevant facts, data, and reliable scientific principles and methods, the WECS owner shall provide alternate service to each individual resident or property owner affected. If a property owner or resident is successful in demonstrating degradation of their radio, television, or other wireless signal reception caused by a WECS, then the WECS owner shall also reimburse the property owner or resident for their reasonable costs and fees incurred to prove the existence and cause of the degradation.
9. Noise Emissions:
- i. All WECS shall be manufactured and constructed with the best available noise reduction technology available at the time of their construction.
 - ii. The sound pressure level generated by a WECS shall not exceed 50 dB(A) as measured at a participating occupied building, 50 dB(A) as measured at any non-participating property line, and 45 dB(A) as measured at any existing, non-participating occupied building. This sound pressure level shall not be exceeded for more than 6 minutes (L 10) in any hour of the day. If the ambient sound pressure level exceeds 45 dB(A), the standard shall be ambient dB(A) plus 5 dB(A).
 - iii. As part of the application and prior to installation, the applicant shall provide modeling and analysis that will confirm that the WECS will not exceed the

maximum permitted sound pressure levels. Modeling and analysis shall conform to IEC 61400 and ISO 9613.

- iv. After installation of the WECS, sound pressure level measurements shall be done by a third-party, qualified professional according to the procedures in the most current version of ANSI S12.18. All sound pressure levels shall be measured with a sound meter that meets or exceeds the most current version of ANSI S1.4 specifications for a Type II sound meter.
 - v. Documentation of the sound pressure level measurements shall be provided to the Township within 6 months of the commercial operation of the project.
10. Shadow Flicker: No shadow flicker is permitted on the ground of or on any structure or object on a non-participating parcel. All reasonable efforts shall be made not to affect any occupied building with shadow flicker in the operation of any WECS. The application for special use permit shall contain an analysis on potential shadow flicker at or on any structure. The analysis shall identify the locations of shadow flicker that may be caused by the project and the expected durations of the shadow flicker at these locations from sunrise to sunset over the course of a year. WECS shall be placed such that shadow flicker to any occupied buildings occurs no more than 30 hours per year.
 11. Color: A WECS shall be painted a non-obtrusive (light environmental color such as beige or gray) color that is non-reflective. The wind turbine base and blades shall be of a color consistent with all other turbines in the area. No lettering, company insignia, advertising, or graphics shall be on any part of the tower, hub, or blades.
 12. Vibrations or Wind Currents: Under no circumstances shall a WECS produce vibrations or wind currents perceptible to a reasonable person of normal sensitivities beyond the perimeter of the Wind Park.
 13. Stray Voltage: The applicant shall be responsible for compensation for damages due to any stray voltage caused by a WECS in accordance with the rules of the Michigan Public Service Commission.
 14. Environmental Impact Assessment:
 - i. The applicant shall fund an environmental assessment or impact study and other relevant report(s) or studies conducted by a third-party, qualified professional.
 - ii. The assessment, studies, and reports shall assess potential impacts on the existing ecosystem, habitats, wildlife, and wetlands of the Wind Park and surrounding areas. They shall include a thorough review of existing species, habitats, and potential habitats. They shall include potential effects on species listed under the federal endangered species act and Michigan's endangered species protection law.

- iii. The Township may request any additional environmental assessments, studies, and reports. They may consider (but not be limited to) assessments of birds, eagles, raptors, bats, plants, woodlands, wooded ridge tops, bird migration pathways, areas that have landscape features known to attract large numbers of eagles or raptors, bat hibernacula, sites that are or may be frequented by federally or state listed endangered species of birds or bats, and general avian use.
 - iv. Each assessment, study, report and any additional or supplementary assessment, study, or report shall be provided to the Planning Commission or Township Board prior to their recommendation or final decision regarding the special use permit.
15. Isolation from Non-Participating Properties: No WECS shall be located closer than 2,000 feet to the property line of any non-participating property, unless the Township Board otherwise expressly provides in the special use permit. If the applicant seeks approval of an isolation distance less than 2,000 feet, the applicant shall be required to demonstrate to the Township Board with clear and convincing evidence and state-of-the-art modeling, monitoring and measurement techniques that the proposed WECS will have no material adverse effects on any occupied buildings on non-participating properties within the requested isolation distance from the WECS, as determined by a licensed qualified professional. Such evidence shall include, at a minimum, demonstration of data, modeling and analysis of noise emissions conforming to the subparagraph above.
16. Distribution; Transmission and Interconnection: All collection lines and interconnections from the WECS to the electrical substation shall be located and maintained underground inside the Wind Park. The Township Board may waive the requirement that collection lines and interconnections be located and maintained underground if the Township Board determines that it would be impractical or unreasonably expensive to install, place, or maintain such collection lines and interconnections underground. Any above-ground lines, transformers, or conductors shall be designed to prevent avian mortality, including but not limited to compliance with the Avian Power Line Interaction Committee published standards.
- F. Approved Standards: In addition to the other requirements and standards contained in this section, the Township Board shall not approve any Wind Park special use unless it finds that all of the following standards are met:
- 1. The general special use standards contained in this Ordinance; and
 - 2. The Wind Park will not pose a safety hazard or unreasonable risk of harm to the occupants of any surrounding properties or area wildlife.
- G. Conditions and Modifications: Any conditions or modifications approved by the Township Board shall be recorded in the minutes of the appropriate Township Board Meeting. The Township Board may, in addition to other reasonable conditions, require landscaping, walls, fences, and other improvements that are reasonable in relation to and consistent with the nature of the district in which the WECS is located. After approval, at least two (2) copies of the final approved Site Plan shall be signed and dated by the Township Supervisor

and authorized representative of the Applicant. One copy shall be kept on file by the Township Clerk, and one copy shall be returned to the applicant's authorized representative.

- H. Completion; Testing: The applicant shall complete the Wind Park construction within 12 months after commencement of construction. Within 12 months of completion and commencement of operation, the applicant shall be required to present a report prepared by a third-party qualified professional, demonstrating that the Wind Park, while in operation, meets the requirements of this Ordinance and the permit for special use with respect to noise emissions and electromagnetic interference, and shadow flicker.
- I. Inspection: The Township shall have the right upon issuing any Wind Park special use permit to inspect the property and premises on which each WECS is located at any reasonable time. The Township may hire a consultant to assist with any such inspections at the applicant's reasonable cost.
- J. Maintenance and Repair: Each WECS must always be kept and maintained in good repair and condition. If the Zoning Administrator or their designee determines that a WECS fails at any time to meet the requirements and conditions of this Ordinance, the special use permit or the site plan approval with respect to noise emissions, electromagnetic interference, or shadow flicker, or that it poses a potential safety hazard, the applicant shall shut down the WECS within 48 hours after notice by the Zoning Administrator or their designee and not start the WECS until the condition has been corrected. The applicant shall keep a maintenance log on each WECS, which shall be available for the Township's review on a monthly basis. If the maintenance log demonstrates that a WECS is operating inconsistent with an Ordinance standard or approval of conditions, an applicant or owner/operator must notify the Township of such non-compliance within three (3) business days in writing. The applicant shall keep all sites within the Wind Park neat, clean, and free of refuse, waste, or unsightly, hazardous, or unsanitary conditions.
- K. Roads:
 - 1. Travel routes for trucks, equipment, and materials for the construction, operation, or maintenance of a WECS shall be shown on a map of the Township at the time of application for the Special Use Permit.
 - 2. Any material damages to a public road located within the Township resulting from the construction, maintenance, or operation of a WECS shall be repaired at the applicant's expense.
 - 3. The applicant shall submit to the appropriate County agency a description of the routes to be used by construction and delivery vehicles; any road improvements that will be necessary to accommodate construction vehicles, equipment or other deliveries; and a performance guarantee acceptable to the County in an amount necessary to assure repair of any damage to the public roads caused by construction of any WEC, the Wind Park, or any of their elements.

- L. Complaint Resolution: The applicant shall develop a process to resolve complaints from nearby residents and property owners concerning the construction and operation of the Wind Park. The process may use an independent mediator or arbitrator and shall include a time limit for acting on a complaint. The process shall not preclude the Township from acting on a complaint. During construction and operation, the applicant shall maintain a telephone number during business hours where nearby residents and landowners can reach a project representative.
- M. Abandonment and Decommissioning: Any WECS that is not used for the production of energy equal to at least 5% of the energy capacity described in the site plan for a period of 12 successive months or longer shall be deemed to be abandoned and shall be promptly decommissioned, unless the applicant receives a written extension of that period from the Zoning Administrator in a case involving an extended repair schedule for good cause. The applicant shall prepare a decommissioning plan, decommissioning agreement and decommissioning bond for submittal to the Township Board for review prior to issuance of the special use permit. Under the plan, agreement and bond, all structures and facilities shall be removed, including all above and below ground materials (at least eight feet below the ground) and removed offsite for disposal. No concrete, piping and other materials (less than eight feet below the ground) may be left in place. The ground must be restored to its original condition within 180 days of abandonment. The cost of such removal, decommissioning and restoration shall be borne solely by the applicant or its successor(s) or assign(s).
- N. Continuing Security and Escrow: If any WECS is approved for construction under this Ordinance, the applicant shall be required to post continuing security and a continuing escrow deposit prior to commencement of construction, which shall remain in effect until the WECS has been finally removed, as provided below:
1. Continuing Security: If a special use permit is approved pursuant to this section, the Township Board shall require security in the form of a cash deposit or irrevocable letter of credit in a form, amount, time and duration deemed acceptable to the Township, which will be furnished by the applicant to the Township in order to ensure full compliance with this Ordinance and all conditions of approval. When determining the amount of each required security, the Township may also require an annual cost escalator or increase based on the Consumer Price Index (or other appropriate cost index). Such financial guarantee shall be deposited or filed with the Township Clerk after a special use permit has been approved but before construction commences within the Wind Park. At a minimum, the financial guarantee shall be in an amount determined by the Township to be reasonably sufficient to have each WECS fully removed (and all components properly disposed of and the land returned to its original state) should such structure or structures become abandoned, dangerous or obsolete, or not in compliance with this ordinance or the special use permit. Such financial security shall be kept in full force and effect during the entire time a WECS exists or is in place, and such financial security shall be irrevocable and non-cancelable (except by the written consent of both the Township and the then-owner of the WECS).

2. Continuing Escrow Deposit: A continuing escrow deposit to be held by the Township shall be funded in cash by the applicant prior to the commencement of construction of any WECS and shall be maintained by the WECS owner until the WECS has been permanently removed. The monetary amount placed by the applicant in escrow with the Township shall be estimated by the Township to cover all reasonable costs and expenses associated with continuing enforcement of this Ordinance, compliance with any provision or requirement of this Section, and the terms of the special use permit, which costs can include, but are not limited to, reasonable fees for the Township Attorney, Township Planner, and Township Engineer, as well as costs for any assessments, reports, or studies which the Township anticipates it may have done that are reasonably related to enforcement of the Ordinance and the special use Permit. If the Township is required to expend any portion of the escrow deposit or if the existing escrow amount paid by the applicant proves to be insufficient to cover the Township's enforcement costs, the Township may require the WECS owner to place additional monies into escrow with the Township.
 3. Continuing Obligations: Failure to keep such financial security and escrow deposit in full force and effect at all times while a WECS exists or is in place shall constitute a material and significant violation of a special use and this Ordinance and will subject the WECS owner to all remedies available to the Township, including possible enforcement action, remedies at law and equity, injunction, and revocation of the special use.
- O. Liability: The applicant shall insure each WECS at all times and shall maintain such insurance on its own behalf and on behalf of the Township as a co-insured, with limits of liability not less than \$2,000,000.00 per occurrence for damages to persons and property (to be adjusted annually to an amount equivalent to 2021 dollars based on CPI).
- P. Reasonable conditions: In addition to the requirements of this section, the Township Board may impose additional reasonable conditions on the approval of a Wind Park as a special use.
- Q. Other Requirements: Each Wind Park and WECS shall also comply with all applicable federal, state, and county requirements, in addition to other Township Ordinances.

SECTION 8. SEVERABILITY: The provisions of this ordinance are hereby declared to be severable. If any clause, sentence, word, section or provision is hereafter declared void or unenforceable for any reason by a court of competent jurisdiction, it shall not affect the remainder of such ordinance which shall continue in full force and effect.

SECTION 9. REPEAL: All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 10. EFFECTIVE DATE: This Ordinance shall take effect seven days after notice of its adoption is published in a local newspaper, unless referendum procedures are initiated pursuant to the Michigan Zoning Enabling Act.

ROLL CALL VOTE:

YEAS: _____

NAYS: _____

ABSENT/ABSTAIN: _____

ORDINANCE DECLARED ADOPTED.

Gene Ulrey, Bunker Hill Township Supervisor

CERTIFICATION

I, Carrie Zeitz, Clerk of Bunker Hill Township, do hereby certify that the foregoing is a true and accurate copy of Ordinance No. _____, adopted by the Bunker Hill Township Board on _____, 2021. A summary of the Ordinance was duly published in the _____ newspaper, a newspaper that circulates within Bunker Hill Township, on _____, 2021. Within one (1) week after such publication, I recorded the Ordinance in a book of ordinances kept by me for that purpose, including the date of passage of the Ordinance, the names of the members of the Township Board voting, and how each member voted. I filed an attested copy of the Ordinance with the Ingham County Clerk on _____, 2021.

ATTESTED:

Carrie Zeitz, Bunker Hill Township Clerk