1 AS APPROVED FEBRUARY 28, 2019 2 3 MINUTES OF REGULAR MEETING 4 5 CHAMPAIGN COUNTY ZONING BOARD OF APPEALS 6 1776 E. Washington Street 7 Urbana, IL 61801 8 9 **DATE:** January 31, 2019 **PLACE: Lyle Shields Meeting Room** 10 1776 East Washington Street 11 Urbana, IL 61802 TIME: 6:30 p.m. 12 13 **MEMBERS PRESENT:** Frank DiNovo, Ryan Elwell, Jim Randol, Larry Wood 14 15 **MEMBERS ABSENT:** Marilyn Lee 16 17 STAFF PRESENT: Connie Berry, Susan Burgstrom, John Hall 18 19 **OTHERS PRESENT:** Ryan Peters, Tim O'Connell, Michael Butler, Lora Judy, Aaron Esry 20 21 1. Call to Order 22 23 The meeting was called to order at 6:30 p.m. 24

2. Roll Call and Declaration of Quorum

27 The roll was called, and a quorum declared present with one member absent.

Mr. Elwell informed the audience that anyone wishing to testify for any public hearing tonight must sign the witness register for that public hearing. He reminded the audience that when they sign the witness register they are signing an oath.

3. Correspondence

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4. Approval of Minutes: November 1, 2018, November 15, 2018, and January 3, 2019

Mr. Elwell entertained a motion to approve the November 1, 2018, November 15, 2018, and January 3, 2019, minutes.

Mr. Randol stated that the word "pile" on line 27, page 42 of the November 1st minutes should be revised to indicate the word "tile".

Mr. Elwell asked the Board if there were any required additions or corrections to the three sets of minutes.

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Mr. DiNovo stated that on January 31, 2019, he emailed staff minor edits to the November 1st and
 November 15th minutes. He asked staff if those edits had been inserted.

Ms. Burgstrom stated that Mr. DiNovo's minor edits have been inserted into the minutes.

Mr. DiNovo moved, seconded by Mr. Wood, to approve the November 1, 2018, November 15, 2018, and January 3, 2019, minutes, as amended.

Mr. Elwell asked the Board if there were any additional additions or corrections to the three sets of minutes, and there were none.

The motion carried by voice vote.

5. Continued Public Hearing

16 None

6. New Public Hearings

Case 922-S-18 Petitioner: SolAmerica Energy, LLC via agent Ryan Peters, Environmental Engineer with SolAmerica Energy, LLC, and participating landowner Phyllis Jane Sinclair Request: Authorize a Community Solar PV Solar Farm with a total nameplate capacity of 2 megawatts (MW), including access roads and wiring, in the AG-2 Agriculture Zoning District, and including the following waivers of standard conditions: Part A. A waiver for a distance of 1,340 feet between a PV Solar Farm and a municipal boundary in lieu of the minimum required one-half mile (2,640 feet), per Section 6.1.5 B.(2)a. of the Zoning Ordinance; and Part B. A waiver for not providing a Decommissioning and Site Reclamation Plan that includes cost estimates prepared by an Illinois Licensed Professional Engineerprior to consideration of the Special Use Permit by the Board, per Section 6.1.1 A. 3; and Part C. A waiver for not entering into a Roadway Upgrade and Maintenance Agreement for waiver therefrom with the relevant local highway authority prior to consideration of the Special Use Permit by the Board, per Section 6.1.5 G.; and Part D. A waiver for not including a Landscape Plan as part of the Special Use Permit application, per Section 6.1.5 F. (9) a(b)iv.; and Part E. A waiver for not including a Weed Control Plan as part of the Special Use Permit application, per Section 6.1.5 P.(3).

 Mr. Elwell informed the audience that Case 922-S-18 is an Administrative Case and as such, the County allows anyone the opportunity to cross-examine any witness. He said that at the proper time, he will ask for a show of hands for those who would like to cross-examine, and each person will be called upon. He requested that anyone called to cross-examine go to the cross-examination microphone to ask any questions. He said that those who desire to cross-examine are not required to sign the witness register but are requested to clearly state their name before asking any questions. He noted that no new testimony is to be given during the cross-examination. He said that attorneys who have complied with Article 7.6 of the ZBA By-Laws are exempt from cross-examination.

Mr. Elwell informed the audience that anyone wishing to testify for any public hearing tonight must sign the witness register for that public hearing. He reminded the audience that when they sign the witness register they are signing an oath. He asked the audience if anyone desired to sign the witness register and there was no one.

Mr. Elwell asked the petitioners if they would like to present a statement regarding their request.

Mr. Tim O'Connell, attorney for the petitioner, whose address is 211 N. Broadway, St. Louis, MO, thanked the Board and staff for their time and effort that has been put into the requested special use permit. He said that Ryan Peters, Environmental Engineer for SolAmerica, and Michael Butler, Civil Engineer with TRC Environmental Design Professionals, were hired for the SolAmerica project. Mr. O'Connell stated that the Board has reviewed several applications over the past year; therefore, some of the information that will be presented at tonight's public hearing will not be new, but they are excited about the proposed project. He said that the proposed project is located on an ideal parcel just outside of the Village of Homer which is currently used for farming and will continue to be used for farming. He said that the request is for a 2 MW PV Solar Farm, and they believe that it is an exciting opportunity for the residents and business owners to have the ability to purchase solar energy at a lower rate than they can buy it now through a renewable energy source. He said that these opportunities are driven by the Illinois Future Energy Jobs Act (FEJA) which is why the County has received so many applications from different solar farmers. Mr. O'Connell stated that Ryan Peters has a PowerPoint presentation for the Board which will provide the statement of their request.

Mr. Ryan Peters, Environmental Engineer for SolAmerica, stated that he is not registered in the State of Illinois, but Michael Butler, Civil Engineer with TRC Environmental Design Professionals, is registered in the State of Illinois. Mr. Peters reviewed the PowerPoint Presentation with the Board.

Mr. Peters stated that proposed solar farm is called the Champaign-Sinclair Community Solar Project. He said that SolAmerica Energy, LLC specializes in the development of community-scale solar arrays, such as this project, and have constructed and operated 40-plus solar projects throughout the eastern United States, mainly in Georgia, North Carolina, South Carolina, and Florida. He said that SolAmerica's mission is to help America drive towards an energy independent country through domestic renewable energy, specifically solar energy. He said that FEJA was signed into law in December 2016, which is a wide reaching energy legislation that, among other things, increases the amount of renewable energy required in the state; establishes a program for Community Solar projects; and helps keep long-term power costs low by diversifying the state's energy supply. He said that for the purposes of the Illinois Power Agency FEJA, a Community Scale Solar Project has a 15 to 20 acre project area and produces approximately 2MW (AC). The projects help your community by increased tax revenue, potential for electricity bill cost savings, and local economic activity.

Mr. Peters stated that the subject property is a 75 acre parcel which is zoned AG-2, Agriculture and is currently farmed. He said that the property is bordered by the railroad on the north, and agricultural zoned properties to the north, south, west and east, and the nearest residential dwelling is over 1,500 feet to the southwest. He noted that the western part of the subject property will continue to be farmed. He said that SolAmerica proposes an approximately 15 acre project on the 75 acre parcel that will produce 2 MW. He said that the project will be within the 15 acre fence line, except underground, where they tie into the point of interconnection with Ameren's existing infrastructure and existing poles. He said that the project area is on the very northeast end of the subject property so that they could be as far away

from the Village of Homer and any residential properties as possible. He said that a Natural Resources Information Report and EcoCAT evaluation has been completed and the report concluded that adverse effects are unlikely. He said that the Point of Interconnection (POI) for the proposed project is at the north end of the parcel next to the railroad, and the Homer substation is approximately 1.5 miles from the POI.

Mr. Peters stated that the first aerial indicates a yellow line indicating the subject property, and the blue line indicates the location of the project on the parcel. He said that the second aerial is an indication of the location of the subject property in Champaign County. He said that the site plan indicates the approximate 15 acre project located in the northeast portion of the subject property, and the Point of Interconnection is directly north of the project area and the access will be on East South Street. He said that the project is over 1,300 feet from the Village of Homer's border and the nearest residence is approximately 1,700 feet from the project. He said that they currently do not have a landscape plan proposed, but they are willing to work with the County if it is required, and given the location of the project site, they only have a security fence around the perimeter and did not propose a landscape plan.

Mr. Peters stated that crystalline silicon based "tracker" solar panels will be used, with a maximum height of 12 feet, which is a conservative maximum height. He said that most of the panels will be mounted on steel piles and will sit approximately six feet off the ground, and since they are trackers they will rotate with the sun. He said that the panels are 3' x 6' and at their highest point, sunrise and sunset, they will be at 9 feet per that design. He said that the reason why they indicate 12 feet is because they do not want any ground disturbance on the parcel, and due to the ground levels, they will need to raise some of the panels to be the same height as the others, which could technically make it 12 feet off the ground but at the same height as the other panels because they desire a flat distribution. He said that they will plant native perennial, pollinator friendly vegetation to promote the growth of pollinating species, and this is something that they have committed to with all of their projects in the state of Illinois, and it is a good way to assist with the environment. He said that they will have a third-party consultant provide information regarding the types of pollinating vegetative species to plant because they are not experts in that field. He said that vegetative screening will be installed as required, and no security lights are proposed. He said that the perimeter security fence will be 7 feet tall, and the transformer and inverters will be strategically placed toward the center of the site to prevent any noise from being heard outside of the project perimeter. He said that the main noise that is created is by the transformer, which is located inside the project, and normally the decibel rating is 60dBA at the transformer but at the perimeter fence line it is almost inaudible.

Mr. Peters stated that regarding storm water control, there are some drainage features which run through the middle of the subject property and the project site is near the perimeter of those features. He said that as part of the construction process, Michael Butler will design the storm water control plans and those plans will be submitted to the State and the County during the permitting process. He said that during construction they will have best management practices put into place, and those are either some type of silt fence, filter socks, or something to prevent any erosion from leaving the site and getting into any drainage features. He said that all construction is engineered and monitored, and they are responsible to the State and the County for their practices. He said that during the active phase of their project, after construction, they will plant perennial pollinating species that are low growth so there will not be much maintenance on the site, but it also will assist with stabilizing the area and slow down storm

water as it comes off of their site. He said that any storm water coming from the site should be at a lower velocity than it is currently.

Mr. Elwell asked the Board and staff if there were any questions for Mr. Peters.

Mr. DiNovo stated that after reviewing the communications between Ameren and SolAmerica he understands the interest in the substation, but what he doesn't understand is why the project site is so far away from the substation. He asked why the project site was not located on the west side of the Village of Homer and closer to the substation.

Mr. Peters stated that the location of leased project site relies on property owner interest. He said that they identify good electrical infrastructure, and then send out mailer information to properties in that area to see if anyone responds indicating interest, and an informational meeting is set up for those who do indicate an interest. He said that one and one-half miles is as far as they will get away from a substation because it increases their interconnection costs, but if the infrastructure is good and in place they can go further. He said that in this case, Ameren does have good infrastructure so at one and one-half miles there is low interconnection cost.

Mr. Randol asked Mr. Peters to indicate SolAmerica's plans for field tile that is located in the project site, because due to the drainage ditch there has to be some tile running through there.

Mr. Michael Butler, Civil Engineer with TRC Environmental Design Professionals, hired for the SolAmerica project, stated that on behalf of SolAmerica, they are doing drain tile surveys for all of SolAmerica's projects across the state, but due to the weather they have not completed the drain tile survey for the subject property. He said that the plan is to have a drain tile survey completed to identify any tiles on the parcel and make modifications to the pile locations, if needed to avoid the tiles, and make any necessary repairs. He said that part of the process is evaluating the current condition of the tile and working with SolAmerica to determine if preventive repairs are required now or run the risk of the tile breaking in 10 years under the panels and incurring a costly and cumbersome repair.

Mr. Randol asked Mr. Butler if TRC Environmental Design Professionals would be handling this in 25 years if there is a tile issue.

Mr. Peters stated that it is in their best interest to have a properly working drain tile on the subject property, because if the tile is not draining the site, the workers do not want a saturated site to work in and they do not want to drown or kill off the prairie grass plantings. He said that SolAmerica has been working with Mr. Butler's company on all of their sites and it is in SolAmerica's best interest to make sure that the drain tile is good and in place during construction, and with the Agricultural Impact Mitigation Agreement.

Mr. Wood asked Mr. Peters if the subject property had recently been tiled.

Mr. Peters stated no.

Mr. DiNovo stated that the topographic map indicates that there is a large area of internal drainage on

1 the eastern part of the site, at the 660' line.

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Mr. Butler stated that the parcel gets relatively flat throughout this part of the site and it is a lower area,but it has not been identified as a wetland area.

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Mr. DiNovo stated that given the topography and the soils, he is pretty certain that there is a tile there.

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Mr. Butler agreed, and this is an occurrence that they experience with every property that they review, and they have to account for those tiles during the final design.

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11 Mr. Randol asked if there is a road from CR 1150 traveling north.

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13 Mr. Butler stated no.

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15 Mr. Elwell asked Mr. Hall to indicate the area that would require the vegetative screen.

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Mr. Hall stated that the solar farm has to be screened from any dwelling that is within 1,000 feet, and since there are no dwellings within 1,000 feet, no vegetative screening is required unless the Board requires it.

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21 Mr. Elwell asked if waiver Part D. is necessary.

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Mr. Hall stated that the landscape plan is where they establish the plantings inside of the fence;therefore, Part D. is necessary.

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26 Mr. Elwell asked the Board and staff if there were additional questions for the petitioners.

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Mr. DiNovo stated that the Board has already approved a capacity of 6MW near Sidney and 6MW near St. Joseph. He asked Mr. Butler to indicate the market for community solar subscriptions in the immediate area in Champaign County.

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Mr. Peters stated that anyone could become a subscriber within any service area. He said that if you are located within the area of Ameren you can contact Ameren and sign up, but at that point it depends on how many projects are selected in Ameren's area. He said that currently there are a lot of projects being submitted to the lottery, so the more projects that are entered in Ameren's area the better because it provides more opportunity for a site to be selected, although they do restrict the number of people who can become subscribers per project, so the more projects that are located in Ameren's area the more subscribers.

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Mr. Wood asked Mr. Peters that for a project like this, in the event of an overload, is there anything in place that would give Ameren the ability to control the energy coming from the substation. He said that he has a residential solar array, and for safety reasons, in the event that the power goes out there is an automatic cut-out.

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45 Mr. Peters stated that Ameren is evaluating everything that they can right now. He said that their

interconnection fee, compared to other markets in other states, is relatively high and he believes that this is so they can cover themselves for those types of ongoing studies, and they are conservatively predicting the upgrades that they might or might not need. He said that what Ameren is providing SolAmerica right now are very high interconnection fees and the hope is that Ameren will later realize that the high interconnection fee is not needed, but SolAmerica must include the high fee in their budget.

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Mr. Elwell asked how many residences would a 2MW community solar farm serve.

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9 Mr. Peters stated that a rule of thumb is that each megawatt would provide power to 150 to 200 homes, 10 but that always depends on each home's required annual monthly load, so a 2MW solar farm could serve 11 between 300 to 400 homes.

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13 Mr. Elwell asked Mr. Peters if he knew how many homes were in the Village of Homer.

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15 Mr. Peters stated that he did not.

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Mr. Elwell asked if the solar farm could produce more energy than the Village of Homer could handle,or would Ogden be part of the service area as well.

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Mr. Peters stated that a subscriber does not have to be from Homer; when SolAmerica looks for subscribers, any one subscriber is limited to 40% of the energy produced. He said that in other communities SolAmerica has looked at sewer treatment plants and schools as the main subscriber and from there the energy would go to residential areas. He said that the energy does not have to go to the Village of Homer specifically, but even though it is not a requirement, they work with the municipality indicating that they would work with them first in finding subscribers.

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Mr. DiNovo asked Mr. Peters if he knew the date of the second lottery.

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29 Mr. Peters stated that the State has not indicated the date of the second lottery.

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31 Mr. Wood asked if being picked in the lottery is required for the project.

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33 Mr. Peters stated yes.

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35 Mr. Hall asked Mr. Peters to indicate the outcome of their discussions with Homer.

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Mr. Peters stated that he met with the Village of Homer during their meeting in December and presented his PowerPoint presentation. He said that the Village of Homer was only looking for information and was not intending to vote on the solar farm. He said that he answered a few of the Board's questions, but overall the meeting went very well.

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42 Mr. Elwell asked the Board and staff if there were additional questions for the petitioners.

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Mr. Randol asked Mr. Peters to indicate the decibel level of the inverters.

1 Mr. Peters stated that the decibel level is 60dBA, although the specification sheet indicates 62 dBA.

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Mr. Randol asked if any noise studies had been completed, and would the noise be noticeable at the boundary line for the Village of Homer.

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Mr. Butler stated no. He said that studies that have been completed on similar projects, and the studies indicate that once you are 250 feet from the inverter the noise level drops below 35 dBA, and for a project like this, the noise would be inaudible at the fence line.

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10 Mr. Elwell asked the audience if anyone desired to cross-examine the petitioners, and there was no one.

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Mr. Randol asked if there was any plan for expansion of the community solar farm.

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Mr. Peters stated no, and if they did they would have to go through another interconnection study with
 Ameren and obtain a new special use permit through Champaign County.

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Mr. Elwell asked the Board and staff if there were additional questions for the petitioner, and there were none.

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Mr. Elwell asked the audience if anyone desired to sign the witness register and present testimony regarding this case.

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Mr. Elwell called Lora Judy to testify.

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Ms. Lora Judy, who resides at 2763 CR 1050N, Homer, stated that, unfortunately, she is the nearest residence to the proposed solar farm and her property is indicated on the aerial map that was part of the presentation. She said that she knew nothing about the proposed solar farm and she is disappointed that the Village of Homer did not contact her regarding a meeting with the petitioners so that she could hear their presentation. She said that she has completed research regarding solar farms and the amount of cancer risks due to radiation absorbed into homes from the panels scares her, and she does not know if this information is true or false. She said that it sounds like the solar farm will be an eyesore, but it appears that the petitioners intend to remedy that with some barriers. She asked if there is anything that she should know or be concerned about the solar farm. She asked if there was a solar farm nearby that she could visit to gain a sense of what would be her view and how it will affect her property value. She said that she is in the corporate limits of the Village of Homer and she has the best of both worlds, her property is very secluded, and she has city water. She said that obviously she is not very happy about the proposed solar farm and asked the Board if they would be if it were proposed next to their home. She asked the petitioners why they chose this location, and why would they put neighbors at risk. She said that the subject property consists of very good farm ground and is close to a municipality and residences; there must be acreage available where that is not the case. She said that she knows of Ms. Sinclair and that she lives in California, so Ms. Sinclair doesn't care how it affects surrounding neighbors.

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Mr. Peters stated that they must be close to the substation and electrical infrastructure.

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Ms. Judy asked Mr. Peters to indicate what substation he was referring to.

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Mr. Peters stated that the substation location is on the west side of Homer.

Mr. DiNovo stated that the substation is just west of the high school.

Mr. Peters stated that the substation is within the Village of Homer's corporate limits. He said that the solar farm has to be relatively close because for the energy that is being put onto the grid, the infrastructure needs to be well maintained, and they are looking for three-phase power and the further outside of town you get into one-phase line. He said that upgrading a one-phase line to a three-phase line costs a lot of money but is necessary to be able to handle the amount of power that is being put onto the grid. He said that if the solar farm is closer to town, there has to be load that can receive the power that is being put on the grid, and Homer will be the load that will use the energy that is produced, and this is the reason why community solar farms are closer to towns like this.

Ms. Judy asked if the energy is staying here and is not being sent out of the country.

Mr. Peters stated that the energy is staying here, and once it hits the Ameren line it will go to the closestperson that will take it.

Mr. Butler stated that with the way that the power grid works, the substation does not know if someone is a subscriber or not, so the power goes to whoever turns the light switch on first. He said that there is a relatively new solar farm at the University of Illinois that can be visited.

Ms. Judy asked Mr. Butler if he knew how many acres the University of Illinois Solar Farm consisted of.

26 Mr. Butler stated that the University of Illinois Solar Farm consists of 20 acres.

Mr. DiNovo stated that the panels at the University of Illinois Solar farm are fixed panels and not tracker panels, and there was no planned ground cover vegetation planted, so weeds grow there because they didn't think about it until after the solar farm was built.

Mr. Butler stated that the University of Illinois solar farm has graveled roads between the panels, but that type of development has ceased over the last couple of years.

Ms. Judy asked if the petitioners were aware of any cancer risk for the nearby residents.

Mr. Peters stated that he is not aware of any study that indicates that there is a cancer risk, but there are studies from North Carolina State University indicating a lot of research for solar farms, and all the information that he has read states that as long as you are not living inside of the solar array for years, you are not at a direct health risk.

42 Ms. Judy stated that, unfortunately, it is probably too early to know.

Mr. Peters stated that this is new technology in the state of Illinois and they do want people to
 understand and be informed about these projects. He said that the technology and the type of panels that

they are using are Crystalline silicon based, which silicon is typically sand material, but there are cheaper panels that are being produced that are not as efficient and are made out of Cadmium telluride and other chemicals. He said that a lot of studies are based on these cheaper panels, and if they were to break and stick in the ground for several years at a time, the chemicals could leach into the soil. He said that they are using silicon based panels that are basically inert material, and he hasn't seen any studies that silicon based panels could cause any type of cancer affect.

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Mr. Elwell asked the audience if anyone else desired to sign the witness register and present testimony regarding this case, and there was no one.

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11 Mr. Elwell closed the witness register.

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13 Mr. Randol asked if the grade is low enough north of the railroad so that the solar farm is not visible.

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Mr. Elwell stated that he visited the property on CR 1100N, and he could not see anything past the railroad track. He said that the future owner of the property at CR 1100N was asked if they would be okay with a solar farm located south of the property, and they indicated that they would welcome the opportunity to become a subscriber to a nearby solar farm.

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Mr. Hall asked Mr. Peters if during his discussion with the Village of Homer, did they indicate anything
 about having a Comprehensive Plan or a Land Use Plan for areas outside of the village.

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23 Mr. Peters stated no.

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25 Mr. Hall stated that he is not aware of any either, but sometimes people do not tell us about these things.

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Mr. Elwell asked Mr. Peters if they will travel from the north, down IL Route 49, and then east on South
East Street to access the property.

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Mr. Peters stated that it is likely that is the route that they would take because South East Street is the best access point to the property.

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Mr. Butler stated that during construction, which is a 6 to 10 week period, there will be steel framing coming to the property, as well as the panels. He said that the traffic will not have oversized loads and will come in on standard weight vehicles, and after construction there will essentially be no traffic at all, except for one person visiting the site every six week period.

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Mr. Elwell asked Mr. Butler to indicate the number of trucks that would be entering and leaving the site per day.

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Mr. Butler stated that he would anticipate 5 to 20 trucks, depending on what is being delivered and how
 many workers are on the site.

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44 Mr. Elwell asked how many positions would be created during construction.

- 1 Mr. Peters stated that when Mr. Butler indicated that 5-20 trucks would be entering and leaving the site,
- 2 that is at their highest volume, which is only one week during the 6 to 10 week construction period
- 3 because all of the deliveries will occur at one time. He said that typically there are 20 workers on site,
- 4 and that is when the panels are being connected to the steel pipes and they are normally there six weeks.

Mr. Elwell asked Mr. Peters to indicate the number of jobs that would be created for maintenance.

Mr. Peters stated that during the active phase of the project, 30 years, there will be a crew of 2 or 4 workers who will go to the site to replace panels, because the panels weigh 40 pounds each and are easy to replace. He said that ground maintenance will depend on the type of maintenance that they have to do for the types of species that they plant, but most of the pollinator species are low growth and typically a small crew conducts 7 to 10 site visits per year.

Mr. Randol asked Mr. Peters if the defective panels that are replaced are left on the site, or are they removed.

Mr. Peters stated that the panels would be taken away and recycled and disposed of properly. He said that they do not have someone on the site every day, but they do monitor the systems every day. He said that if something is not producing as it should, they receive email notifications indicating such. He said that they are committed to producing the amount of energy that they promised and if they do not, they are fined. He said that they want everything to be producing as much as it can and if it isn't, they are aware of it and they send someone to the site as quickly as possible to check the system and conduct any replacements that are necessary.

Mr. Randol asked when the drainage tile study would be completed.

Mr. Peters stated that the drainage tile study is part of their due diligence and would be completed prior to their building permit.

Mr. Elwell asked if an archeological study had been completed.

Mr. Butler stated that they did a preliminary archeological review and that was submitted to the Illinois Historical Preservation Society office on January 18, 2019. He said that no significant archeological finds were found in the area, but this property is not in one of the high areas in the state for a research area and they do not expect them to come back requesting anything further, but they are still waiting for their response. He said that a recent archeological study was conducted at the water treatment plant and nothing of any importance was found, and they would expect the same thing.

Mr. Elwell asked the Board how they would like to proceed.

- 41 Mr. DiNovo stated that the Board should review the special conditions of approval with the petitioner.
- He said that the petitioner would need to decide if they desired to move forward with the final
- determination tonight, but he noted that due to scheduling conflicts, he would not be in attendance for the February 14th meeting.

1 2	Mr. Elwell st	ated that the Board will review the special conditions of approval with the petitioner.
3 4	Mr. Elwell re	ead special condition A. as follows:
5 6 7 8 9 10 11 12 13 14 15	A.	 The approved site plan consists of the following documents: Site Plan Sheets 1 through 5 received November 1, 2018, to include clarification of the maximum height of the solar arrays. A Landscape Plan including Weed Control Plan to be approved by the Environment and Land Use Committee prior to submittal with the Zoning Use Permit Application. The special condition stated above is required to ensure that: The constructed PV SOLAR FARM is consistent with the special use permit approval.
16 17		sked the petitioners if they agreed with special condition A.
18 19	Mr. Peters st	ated that they agreed with special condition A.
20 21	Mr. Elwell re	ead special condition B. as follows:
22 23 24 25 26	В.	The Zoning Administrator shall not authorize a Zoning Use Permit Application or issue a Zoning Compliance Certificate on the subject property until the lighting specifications in Paragraph 6.1.2.A. of the Zoning Ordinance have been met. The special condition stated above is required to ensure that:
27 28 29		That exterior lighting for the proposed Special Use meets the requirements established for Special Uses in the Zoning Ordinance.
30 31	Mr. Elwell as	sked the petitioners if they agreed with special condition B.
32 33	Mr. Peters st	ated that they agreed with special condition B.
34 35	Mr. Elwell re	ead special condition C. as follows:
36 37 38 39	C.	The Zoning Administrator shall not issue a Zoning Compliance Certificate for the proposed PV SOLAR FARM until the petitioner has demonstrated that the proposed Special Use complies with the Illinois Accessibility Code, if necessary.
40 41 42 43		The special condition stated above is required to ensure that: That the proposed Special Use meets applicable state requirements for accessibility.
44	Mr. Elwell as	sked the petitioners if they agreed with special condition C.

1 2	Mr. Peters stated that they agreed with special condition C.
3	Mr. Elwell read special condition D. as follows:
5 6 7 8	D. The Zoning Administrator shall not authorize a Zoning Use Permit until the petitioner submits a copy of an executed Agricultural Impact Mitigation Agreement with the Illinois Department of Agriculture per the requirements established in Paragraph 6.1.5 R. of the Zoning Ordinance.
9 10	The special condition stated above is required to ensure that:
11	That the land affected by PV SOLAR FARM is restored to its pre-
12	construction capabilities.
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14 15	Mr. Elwell asked the petitioners if they agreed with special condition D.
16 17	Mr. Peters stated that they agreed with special condition D.
18	Mr. Elwell read special condition E. as follows:
19	E. A signed Decommissioning and Site Reclamation Plan that has been approved by
20	the Environment and Land Use Committee is required at the time of application for
21	a Zoning Use Permit that complies with Section 6.1.1 A. and Section 6.1.5 Q. of the
22	Zoning Ordinance, including a decommissioning cost estimate prepared by an
23	Illinois Professional Engineer.
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25	The special condition stated above is required to ensure that:
26	The Special Use Permit complies with Ordinance requirements and as
27	authorized by waiver.
28 29 30	Mr. Elwell asked the petitioners if they agreed with special condition E.
31 32	Mr. Peters stated that they agreed with special condition E.
33 34	Mr. Elwell read special condition F. as follows:
35	F. A Roadway Upgrade and Maintenance Agreement signed by South Homer
36	Township and approved by the Environment and Land Use Committee, shall be
37	submitted at the time of application for a Zoning Use Permit.
38	
39	The special condition stated above is required to ensure that:
40	To ensure full compliance with the intent of the Zoning Ordinance in a
41	timely manner that meets the needs of the applicant.
42 43	Mr. Flyvall asked the netitioners if they agreed with special condition E
43 44	Mr. Elwell asked the petitioners if they agreed with special condition F.
45	Mr. Peters stated that they agreed with special condition F.

1		
2	Mr. Elwell rea	d special condition G. as follows:
3 4 5 6 7	G.	A Landscape Plan compliant with Section 6.1.5 F.(9)a.(b)iv., which includes a Weed Control Plan compliant with Section 6.1.5 P.(3) and approved by the Environment and Land Use Committee, shall be submitted at the time of application for a Zoning Use Permit.
8 9 10 11		The special condition stated above is required to ensure that: To ensure full compliance with the intent of the Zoning Ordinance in a timely manner that meets the needs of the applicant.
12 13 14	Mr. Elwell ask	ed the petitioners if they agreed with special condition G.
15 16	Mr. Peters stat	ed that they agreed with special condition G.
17	Mr. Elwell rea	d special condition H. as follows:
18 19 20	H.	The following submittals are required prior to the approval of any Zoning Use Permit for a PV SOLAR FARM:
21 22 23		1. Documentation of the solar module's unlimited 10-year warranty and the 25-year limited power warranty.
24 25 26 27		2. Certification by an Illinois Professional Engineer that any relocation of drainage district tile conforms to the Champaign County Storm Water Management and Erosion Control Ordinance.
28 29 30 31 32 33		3. An irrevocable letter of credit to be drawn upon a federally insured financial institution with a minimum acceptable long term corporate debt (credit) rating of the proposed financial institution shall be a rating of "A" by S&P or a rating of "A2" by Moody's within 200 miles of Urbana or reasonable anticipated travel costs shall be added to the amount of the letter of credit.
34 35 36 37 38		4. A permanent soil erosion and sedimentation plan for the PV SOLAR FARM including any access road that conforms to the relevant Natural Resources Conservation Service guidelines and that is prepared by an Illinois Licensed Professional Engineer.
39 40		5. Documentation regarding the seed to be used for the pollinator planting, per $6.1.5 \text{F.}(9)$.
41 42 43 44 45		6. A Transportation Impact Analysis provided by the applicant that is mutually acceptable to the Applicant and the County Engineer and State's Attorney; or Township Highway Commissioner; or municipality where relevant, as required by 6.1.5 G. 2.

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2	7.	The telephone number for the complaint hotline required by 6.1.5 S.
3		
4	8.	Any updates to the approved Site Plan from Case 922-S-18 per the Site Plan
5		requirements provided in Section 6.1.5 U.1.c.
6		
7	The	special condition stated above is required to ensure that:
8		The PV SOLAR FARM is constructed consistent with the Special Use Permit
9		approval and in compliance with the Ordinance requirements.
10		
11	Mr. Elwell asked th	e petitioners if they agreed with special condition H.
12		
13	Mr. Peters stated th	at they agreed with special condition H.
14		
15	Mr. Elwell read spe	cial condition I. as follows:
16		
17		oning Compliance Certificate shall be required for the PV SOLAR FARM prior
18		oing into commercial production of energy. Approval of a Zoning Compliance
19		ificate shall require the following:
20	1.	An as-built site plan of the PV SOLAR FARM including structures, property
21		lines (including identification of adjoining properties), as-built separations,
22		public access road and turnout locations, substation(s), electrical cabling
23		from the PV SOLAR FARM to the substations(s), and layout of all structures
24		within the geographical boundaries of any applicable setback.
25	2	A . 1 . 14 . 1
26	2.	As-built documentation of all permanent soil erosion and sedimentation
27		improvements for all PV SOLAR FARM including any access road prepared
28		by an Illinois Licensed Professional Engineer.
29	2	A
30	3.	An executed interconnection agreement with the appropriate electric utility
31 32		as required by Section 6.1.5 B.(3)b.
33	The	special condition stated above is required to ensure that:
34	THE	The PV SOLAR FARM is constructed consistent with the special use permit
35		approval and in compliance with the Ordinance requirements.
36		approvar and in compliance with the Ordinance requirements.
37	Mr. Elwell asked th	e petitioners if they agreed with special condition I.
38	Will. Elweir asked th	e petitioners if they agreed with special condition i.
39	Mr. Peters stated th	at they agreed with special condition I.
40		an array angles of the second
41	Mr. Elwell read spe	cial condition J. as follows:
42		
43	J. The	Applicant or Owner or Operator of the PV SOLAR FARM shall comply with
44		Following specific requirements that apply even after the PV SOLAR FARM
45		into commercial operation:

42 43

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because they will move forward either way.

1	1.	Maintain the pollinator plantings in perpetuity.
2 3	2.	Cooperate with local Fire Protection District to develop the District's
3 4	۷.	emergency response plan as required by 6.1.5 H.(2).
5		emergency response plan as required by other in(2).
6	3.	Cooperate fully with Champaign County and in resolving any noise
7		complaints including reimbursing Champaign County any costs for the
8		services of a qualified noise consultant pursuant to any proven violation of
9		the I.P.C.B. noise regulations as required by 6.1.5 I.(4).
10	4	M ! 4 !
11 12	4.	Maintain a current general liability policy as required by 6.1.5 O.
13	5.	Submit annual summary of operation and maintenance reports to the
14	<i>5.</i>	Environment and Land Use Committee as required by 6.1.5 P.(1)a.
15		
16	6.	Maintain compliance with the approved Decommissioning and Site
17		Reclamation Plan including financial assurances.
18	_	
19	7.	Submit to the Zoning Administrator copies of all complaints to the telephone
20		hotline on a monthly basis and take all necessary actions to resolve all
21 22	The cr	legitimate complaints as required by 6.1.5 S. becial condition stated above is required to ensure that:
23	The sp	Future requirements are clearly identified for all successors of title, lessees,
24		any operator and/or owner of the PV SOLAR FARM.
25		
26	Mr. Elwell asked the	petitioners if they agreed with special condition J.
27		
28	Mr. Peters stated that	they agreed with special condition J.
29	M El 11	
30	Mr. Elwell entertaine	d a motion to approve the special conditions as read.
31		
32		seconded by Mr. Wood, to approve the special conditions as read. The motion
33 34	carried by voice vot	e.
3 1	Mr Flwell asked the	Board how they would like to proceed.
36	Wil. Liwen asked the	Bould now they would like to proceed.
37	Mr. DiNovo stated th	at the petitioner requires a unanimous vote tonight for a favorable recommendation
38		ne Environment and Land Use Committee, and unfortunately, the same situation
39	will occur if the case	is continued to the February 14 th meeting.
40		

Mr. Hall stated that the petitioner does not need a positive recommendation to move forward to ELUC

Mr. DiNovo stated that it would move forward with or without a positive recommendation. He asked

Mr. Hall to explain if the case would be presented with no recommendation.

Mr. Hall stated that it is fine point but will be an important point later. He said that the ELUC is always told what the vote at the CCZBA was, and normally there is an inquiring ELUC member who wants to know why the vote was they way it is being presented. He said that in this case, it could be explained that if there were not four affirmative votes, and he hopes that they will be able to find that information in the findings that the Board will prepare when they take final action.

Mr. DiNovo stated that the February 28th and March 14th dockets are full, so it reasonable to conclude that the petitioner can decide if they desire the Board to act tonight with only four members present or on February 14th with only four members present or continue to the March 28th meeting hoping that there will be a full Board present.

Mr. Hall stated that those are the petitioner's alternatives, which is why the Board generally poses the question to the petitioner if they desire that the current Board take action tonight or wait until a full Board is present.

Mr. O'Connell requested a short recess.

The Board recessed at 7:40 p.m.

The Board resumed at 7:43 p.m.

Mr. Randol asked if the Board needs to have a detailed site plan prior to taking action.

Mr. Hall stated that the Board has as much of a detailed site plan for this solar farm as it has had any other solar farm.

Mr. Randol stated that one of the conditions indicates a required detailed site plan indicating the drainage tile, etc.

Mr. Hall stated that the Board has never required that, and as a practical matter there will not be a detailed set of plans for the drainage tiles until they get into the project. He said that with the large 150 MW project that the Board reviewed recently indicating that they agreed to replace all of the drainage tiles, that is a work in progress that will not be laid out ahead of time, so that is a difficult thing to try and put into a special condition. He said that it occurred to him that, for the 150 MW case, a special condition could have been proposed for ELUC to approve the final tile layout that is submitted to the Department of Agriculture under the Agriculture Impact Mitigation Agreement, and requiring approval by ELUC would stop any potential problems, but he did not find that necessary for this project.

Mr. Randol stated that the BayWa project is a lot different than a community solar farm project.

Mr. DiNovo stated that in the past, the Board received an independent estimate of the noise generated at the project boundary.

Mr. Hall stated that for the community solar farm projects, the only independent estimate of the noise

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1 2	generated at the project boundary was prepared by this staff. He said that this staff reasoned that 1,500 feet to the nearest dwelling does require staff's time to estimate the noise generated at the project
3	boundary.
4 5 6	Mr. DiNovo stated that Mr. Peters testified that they had contacted a number of landowners. He asked if there were any other landowners who were interested but may have required a higher rent.
7 8 9	Mr. Peters stated that personally he is not aware of that information because he is not involved with those types of things.
10 11 12	Mr. DiNovo asked staff if the petitioner filed the special use permit application before or after the adoption of the ordinance.
13 14 15	Mr. Hall stated that the Documents of Record indicates that special use permit application was filed on November 1, 2018.
16 17 18	Mr. Elwell entertained a motion to move to the Findings of Fact for Case 922-S-18.
19 20	Mr. DiNovo moved, seconded by Mr. Wood, to move to the Findings of Fact for Case 922-S-18. The motion carried by voice vote.
21 22 23	FINDINGS OF FACT FOR CASE 922-S-18:
24 25 26	From the documents of record and the testimony and exhibits received at the public hearing for zoning case 922-S-18 held on January 31, 2019, the Zoning Board of Appeals of Champaign County finds that:
27 28 29	Mr. DiNovo asked if the Board would prepare the findings for the waivers first.
30 31 32	Mr. Hall stated that normally the Board would prepare the findings for the waivers prior to the third finding (3a.) and work through findings 1. and 2. first.
33 34	1. The requested Special Use Permit IS necessary for the public convenience at this location.
35 36 37 38 39	Mr. DiNovo stated that the requested Special Use Permit IS necessary for the public convenience at this location because the proposed solar farm has sufficient proximity to a substation with a capacity to receive output from the solar farm, and has a transmission line that can economically be converted to serve the development.
40 41 42	Mr. Elwell stated that the location of the solar farm is the farthest away from any residence or the Village of Homer.
43	Mr. DiNovo added that any farther distance to the east would put it into Vermilion County, where no

Homer does not exercise its extraterritorial zoning authority in Vermilion County, and areas farther east

local taxing body in Champaign County would receive any benefit; as far as we know, the Village of

1 are not subject to any zoning. 2 3 Mr. DiNovo noted that the Village of Homer can zone unzoned unincorporated areas within its 4 extraterritorial jurisdiction and could zone one mile within Vermilion County. He said that the Village 5 of Ogden does zone land in Vermilion County, but Homer has not done this. 6 7 2. The requested Special Use Permit, SUBJECT TO THE SPECIAL CONDITIONS 8 IMPOSED HEREIN, is so designed, located, and proposed to be operated so that it WILL 9 NOT be injurious to the district in which it shall be located or otherwise detrimental to the 10 public health, safety, and welfare because: 11 The street has ADEQUATE traffic capacity and the entrance location has 12 ADEQUATE visibility. 13 14 Mr. Randol stated that the street has ADEQUATE traffic capacity and the entrance location has 15 ADEQUATE visibility. 16 17 b. **Emergency services availability is ADEQUATE.** 18 19 Mr. Randol stated that emergency services availability is ADEQUATE because the proposed solar farm 20 is within 1.5 miles of the Fire Protection District, and no comments have been received from emergency 21 services. 22 23 Mr. DiNovo stated that the site does not pose any fire hazard and is not occupied. 24 25 The Special Use WILL be compatible with adjacent uses. c. 26 27 Mr. Wood stated that the Special Use WILL be compatible with adjacent uses because the subject 28 property is surrounded by AG-1 and AG-2 properties. 29 30 d. Surface and subsurface drainage will be ADEOUATE. 31 32 Mr. DiNovo stated that surface and subsurface drainage will be ADEQUATE because the project will 33 have a permanent vegetative ground cover which will reduce runoff; the underlying tiles will be 34 addressed in the Agricultural Impact Mitigation Agreement and in the Decommissioning and Site 35 Reclamation Plan. He said that no evidence was submitted that there are tiles across the site serving 36 other properties. 37 38 Mr. Randol stated that the drainage ditch crosses the subject property. 39 40 Public safety will be ADEQUATE. e. 41 42 Mr. Wood stated that public safety will be **ADEQUATE** because during the construction phase, there 43 should be resources on site to respond to any issues they may have, and after construction, there will not 44 be anyone on site except on a limited basis.

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after construction except for limited visits.

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Mr. DiNovo asked if the Board should include the following text for the findings 3.a and 3.b.:

The requested Special Use Permit with the included waivers of standard conditions, SUBJECT

The property IS WELL SUITED OVERALL for the proposed improvements. g.

Mr. Wood stated that the provisions for parking will be **ADEQUATE** because there will not be anyone

Mr. DiNovo stated that the property IS WELL SUITED OVERALL for the proposed improvements because the site of the solar farm is 1,500 feet from the nearest dwelling, and is otherwise surrounded by farmland. He said that it is also located in the same general area as the Village of Homer sewage treatment plant and there is a large grain elevator located between the site and the larger part of the Village.

Mr. Elwell stated that it is south of the Norfolk Southern railroad tracks.

The provisions for parking will be ADEQUATE.

h. Existing public services ARE available to support the proposed SPECIAL USE without undue public expense.

Mr. Wood stated that existing public services ARE available to support the proposed SPECIAL USE without undue public expense because there will not be a lot of need for public services at the site, and they will truck their own water in for cleaning purposes.

i. Existing public infrastructure together with the proposed development IS adequate to support the proposed development effectively and safely without undue public expense.

Mr. DiNovo stated that existing public infrastructure together with the proposed development **IS** adequate to support the proposed development effectively and safely without undue public expense because the traffic generated during construction is small, and is negligible during operation; the development requires no other public services; and we have no resident employees that would add to the demands on the school system or other services.

Mr. Randol stated that the requested Special Use Permit, SUBJECT TO THE SPECIAL CONDITIONS IMPOSED HEREIN, is so designed, located, and proposed to be operated so that it WILL NOT be injurious to the district in which it shall be located or otherwise detrimental to the public health, safety, and welfare.

Mr. Elwell asked if the Board would now move to Finding 6. reviewing the findings for the necessary waivers.

Mr. Hall stated that the Board needs to review the necessary waivers to determine the waivers before answering some of the parts of finding 3.

	ZBA			AS APP	'ROVED FE	BRUARY 28,	, 2019	01/31/19
1 2	TO TI	HE SPE	ECIAL C	ONDITIONS II	MPOSED H	EREIN.		
3	Mr. Hall stated that it could be added in 3.a. and 3.b.							
5 6	6.	Regar	rding ne	ecessary waiver	rs of standar	rd conditions	3:	
7 8 9		A.	Solar					1,340 feet between a PV ım required one-half
11 12 13 14			(1)		nance and W	ILL NOT be		e and intent of the ne neighborhood or to
15 16 17 18	substa	antive,	and the	n review Parts	B. through	E. together b	ecause they ar	parately because it is e procedural and there d by voice vote.
19 20 21 22 23 24	Ordina becaus grain o	ance and se the prelevator	d WILL roposed r betwee	NOT be injurio solar farm is lo	ous to the nei cated more the ne village; it i	ghborhood or han 1,500 fee is located nea	to the public he t from the neare r the Village of	nd intent of the Zoning ealth, safety, and welfare st dwelling; there is a Homer sewage treatment
25 26 27 28			(2)	-	nvolved, wh	ich are not a	pplicable to oth	are peculiar to the land ner similarly situated
29 30 31 32 33 34	structu the sau dwelli	ire invo me distr ng; ther	olved, whole of the contract o	nich are not app use the propose rain elevator bet	olicable to othed solar farm tween the site	her similarly s is located mo e and the villa	situated land and ore than 1,500 fe	re peculiar to the land or Il structures elsewhere in the ter from the nearest near the Village of oad tracks.
35 36 37				at it has access tally converted to				and a transmission line
38 39 40				the site is locate constructed in	_		f mile of a muni	cipality, so without the
41 42 43				the project is loseing in Champa			ossible from the	Village or the nearest
44 45			(3)			-	• • •	g out the strict letter of asonable or otherwise

1		permitted use of the land or structure or construction.
2		permitted use of the faire of series of constitution.
3	Mr. DiNovo s	tated that practical difficulties or hardships created by carrying out the strict letter of the
4		ught to be varied WILL prevent reasonable or otherwise permitted use of the land or
5		onstruction because potentially viable sites for solar farms require access to a substation
6	and an econor	nical transmission line, and those are limited in number. He said that the petitioner has
7		tiple potential land owners with viable sites and has identified this site as the optimal site.
8		
9		(4) The special conditions, circumstances, hardships, or practical difficulties DO
10		NOT result from actions of the applicant.
11		
12	Mr. Wood sta	ted that the special conditions, circumstances, hardships, or practical difficulties DO NOT
13	result from ac	tions of the applicant because the location of the property itself requires this waiver so that
14	construction c	an take place.
15		
16		(5) The requested waiver, SUBJECT TO THE PROPOSED SPECIAL
17		CONDITION, IS the minimum variation that will make possible the
18		reasonable use of the land/structure.
19		
20		tated that the requested waiver, SUBJECT TO THE PROPOSED SPECIAL CONDITION,
21		m variation that will make possible the reasonable use of the land/structure because the
22	proposed solar	r farm is located as far from the Village as it can be while still being in Champaign County.
23		
24		noved, seconded by Mr. Randol, to adopt the findings with respect to Waiver A. The
25	motion carrie	ed by voice vote.
26	14 D'11	
27		ecommended that the Board read through all of the waivers and determine one set of
28	findings for al	I them.
29	Mr. Waadata	to defeat the resistance one cally termination and one or defeative at the extrapletion that
30		ted that the waivers are only temporary and are a deferment with a stipulation that
31	tney nave to c	omply prior to the issuance of a Zoning Use Permit.
32	ъ	December 2 Deat D of the proposed waivers for not providing a Decemberianing
33	В.	Regarding Part B of the proposed waivers, for not providing a Decommissioning
34		and Site Reclamation Plan that includes cost estimates prepared by an Illinois
35 36		Licensed Professional Engineer prior to consideration of the Special Use Permit by the Board:
37		the board.
38	C.	Regarding Part C of the proposed waivers, for not entering into a Roadway
39	C.	Upgrade and Maintenance Agreement or waiver therefrom with the relevant local
40		highway authority prior to consideration of the Special Use Permit by the Board:
41		ingilway authority prior to consideration of the special esercime by the board.
42	D.	Regarding Part D of the proposed waivers, for not including a Landscape Plan as
43	D.	part of the Special Use Permit application:
44		Lance of the state
45	E.	Regarding Part E of the proposed waivers, for not including a Weed Control Plan as

1	part of the Special Use Permit application:
2 3 4 5 6	(1) The waiver IS in accordance with the general purpose and intent of the Zoning Ordinance and WILL NOT be injurious to the neighborhood or to the public health, safety, and welfare.
7 8	Mr. Wood stated that the waiver IS in accordance with the general purpose and intent of the Zoning Ordinance and WILL NOT be injurious to the neighborhood or to the public health, safety, and welfare.
9 10 11	Mr. DiNovo stated that it is necessary to develop accurate costs and plans based on final engineering.
12 13 14	(2) Special conditions and circumstances DO exist which are peculiar to the land or structure involved, which are not applicable to other similarly situated land and structures elsewhere in the same district.
15 16 17 18 19 20	Mr. DiNovo stated that special conditions and circumstances DO exist which are peculiar to the land or structure involved, which are not applicable to other similarly situated land and structures elsewhere in the same district because the site is so distant from the nearest dwelling, and is otherwise well located, that detailed plans are not essential at this stage of approval.
21 22 23	(3) Practical difficulties or hardships created by carrying out the strict letter of the regulations sought to be varied WILL prevent reasonable or otherwise permitted use of the land or structure or construction.
24 25 26 27 28 29	Mr. DiNovo stated that practical difficulties or hardships created by carrying out the strict letter of the regulations sought to be varied WILL prevent reasonable or otherwise permitted use of the land or structure or construction because it is not practical to compile plans with the desired accuracy until final engineering is complete, which cannot happen at this stage of project development.
30 31 32	(4) The special conditions, circumstances, hardships, or practical difficulties DO NOT result from actions of the applicant.
33 34 35 36 37	Mr. DiNovo stated that the special conditions, circumstances, hardships, or practical difficulties DO NOT result from actions of the applicant because the project viability is subject to the receipt of Renewable Energy Credits (RECs) in a lottery conducted by the Illinois Power Authority, and it would be impractical to require the submissions before the applicants will know if the project will go forward.
38 39 40 41	(5) The requested waiver, SUBJECT TO THE PROPOSED SPECIAL CONDITION, IS the minimum variation that will make possible the reasonable use of the land/structure.

Mr. DiNovo stated that the requested waiver, SUBJECT TO THE PROPOSED SPECIAL CONDITION, IS the minimum variation that will make possible the reasonable use of the land/structure because it is tied to the only practical point of control given the uncertainty of the timing of approval given that the

timing of the project lottery is unknown at this time.

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location.

1 2 3 4	Mr. W Permit		ated that each of these waivers are subject to compliance prior to issuance of the Zoning Use
5 6 7			moved, seconded by Mr. Wood, to adopt subsequent findings with respect to Waivers. The motion carried by voice vote.
8 9 10 11	3a.	SUBJ	requested Special Use Permit with the included waivers of standard conditions, IECT TO THE SPECIAL CONDITIONS IMPOSED HEREIN, DOES conform to the cable regulations and standards of the DISTRICT in which it is located.
12 13 14 15	conditi	ions, S	stated that the requested Special Use Permit with the included waivers of standard UBJECT TO THE SPECIAL CONDITIONS IMPOSED HEREIN, DOES conform to the gulations and standards of the DISTRICT in which it is located.
16 17 18 19	3b.	SUBJ	requested Special Use Permit with the included waivers of standard conditions, IECT TO THE SPECIAL CONDITIONS IMPOSED HEREIN, DOES preserve the tial character of the DISTRICT in which it is located because:
20 21 22		a.	The Special Use will be designed to CONFORM to all relevant County ordinances and codes.
23 24 25	Mr. W and co		ated that the Special Use will be designed to CONFORM to all relevant County ordinances
26 27		b.	The Special Use WILL be compatible with adjacent uses.
28 29	Mr. Di	Novo	stated that the Special Use WILL be compatible with adjacent uses.
30		c.	Public safety will be ADEQUATE.
31	Mr. Di	Novo	stated that public safety will be ADEQUATE.
32			
33			ated that the requested Special Use Permit with the included waivers of standard conditions,
34			O THE SPECIAL CONDITIONS IMPOSED HEREIN, DOES preserve the essential
35	charac	ter of t	he DISTRICT in which it is located.
36	4	TD1	
37 38	4.		requested Special Use Permit with the included waivers of standard conditions, IECT TO THE SPECIAL CONDITIONS IMPOSED HEREIN, IS in harmony with
39			eneral purpose and intent of the Ordinance because:
40		O	
41 42		a.	The Special Use is authorized in the District.
43		b.	The requested Special Use Permit IS necessary for the public convenience at this
			-

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1		
2		stated that the requested Special Use Permit IS necessary for the public convenience at this
3	location.	
4		The requested Creeial Lie Damit CUDIECT TO THE CRECIAL CONDITIONS
5	c.	The requested Special Use Permit, SUBJECT TO THE SPECIAL CONDITIONS
6 7		IMPOSED HEREIN, is so designed, located, and proposed to be operated so that it WILL NOT be injurious to the district in which it shall be located or otherwise
8		detrimental to the public health, safety, and welfare.
9		detrimental to the public health, safety, and wehare.
10	Mr Woods	stated that the requested Special Use Permit, SUBJECT TO THE SPECIAL CONDITIONS
11		HEREIN, is so designed, located, and proposed to be operated so that it WILL NOT be
12		the district in which it shall be located or otherwise detrimental to the public health, safety,
13	and welfare	•
14	und Wondie	·
15	d.	The requested Special Use Permit, SUBJECT TO THE SPECIAL CONDITIONS
16		IMPOSED HEREIN, DOES preserve the essential character of the DISTRICT in
17		which it is located.
18		
19	Mr. Wood s	stated that the requested Special Use Permit, SUBJECT TO THE SPECIAL CONDITIONS
20	IMPOSED	HEREIN, DOES preserve the essential character of the DISTRICT in which it is located.
21		
22		stated that the requested Special Use Permit with the included waivers of standard conditions
23		TO THE SPECIAL CONDITIONS IMPOSED HEREIN, IS in harmony with the general
24	purpose and	d intent of the Ordinance.
25		
26	5. The	requested Special Use IS NOT an existing nonconforming use.
27	(3.7	
28	(Note from	staff that Finding 6. Waivers was discussed prior to Finding 3.)
29	7 711	E CDECIAL CONDITIONS IMPOSED HEDEIN ARE REQUIRED TO ENGLIDE
30		E SPECIAL CONDITIONS IMPOSED HEREIN ARE REQUIRED TO ENSURE
31		MPLIANCE WITH THE CRITERIA FOR SPECIAL USE PERMITS AND FOR THE RTICULAR PURPOSES DESCRIBED BELOW:
32 33	A.	The approved site plan consists of the following documents:
34	A.	 Site Plan Sheets 1 through 5 received November 1, 2018, to include
35		clarification of the maximum height of the solar arrays.
36		A Landscape Plan including Weed Control Plan to be approved by the
37		Environment and Land Use Committee prior to submittal with the Zoning
38		Use Permit Application.
39		Cite I crime rippiecation.
40		The special condition stated above is required to ensure that:
41		The constructed PV SOLAR FARM is consistent with the special use permit
42		approval.
43		••
44	В.	The Zoning Administrator shall not authorize a Zoning Use Permit Application or

issue a Zoning Compliance Certificate on the subject property until the lighting

1		specifications in Paragraph 6.1.2.A. of the Zoning Ordinance have been met.
2		The special condition stated above is required to an own that.
3		The special condition stated above is required to ensure that:
4		That exterior lighting for the proposed Special Use meets the requirements
5		established for Special Uses in the Zoning Ordinance.
6	a	
7	C.	The Zoning Administrator shall not issue a Zoning Compliance Certificate for the
8		proposed PV SOLAR FARM until the petitioner has demonstrated that the
9		proposed Special Use complies with the Illinois Accessibility Code, if necessary.
10		
11		The special condition stated above is required to ensure that:
12		That the proposed Special Use meets applicable state requirements for
13		accessibility.
14		
15	D.	The Zoning Administrator shall not authorize a Zoning Use Permit until the
16		petitioner submits a copy of an executed Agricultural Impact Mitigation Agreement
17		with the Illinois Department of Agriculture per the requirements established in
18		Paragraph 6.1.5 R. of the Zoning Ordinance.
19		
20		The special condition stated above is required to ensure that:
21		That the land affected by PV SOLAR FARM is restored to its pre-
22		construction capabilities.
23		
24	E.	A signed Decommissioning and Site Reclamation Plan that has been approved by
25		the Environment and Land Use Committee is required at the time of application for
26		a Zoning Use Permit that complies with Section 6.1.1 A. and Section 6.1.5 Q. of the
27		Zoning Ordinance, including a decommissioning cost estimate prepared by an
28		Illinois Professional Engineer.
29		
30		The special condition stated above is required to ensure that:
31		The Special Use Permit complies with Ordinance requirements and as
32		authorized by waiver.
33	F.	A Roadway Upgrade and Maintenance Agreement signed by South Homer
34		Township and approved by the Environment and Land Use Committee, shall be
35 36		submitted at the time of application for a Zoning Use Permit.
37		The special condition stated above is required to ensure that:
38		To ensure full compliance with the intent of the Zoning Ordinance in a
39		timely manner that meets the needs of the applicant.
40		
41	G.	A Landscape Plan compliant with Section 6.1.5 F.(9)a.(b)iv., which includes a Weed
42		Control Plan compliant with Section 6.1.5 P.(3) and approved by the Environment
43		and Land Use Committee, shall be submitted at the time of application for a Zoning
44		Use Permit.
45		

1		The special condition stated above is required to ensure that:
2		To ensure full compliance with the intent of the Zoning Ordinance in a
3		timely manner that meets the needs of the applicant.
4		
5 6	H.	The following submittals are required prior to the approval of any Zoning Use Permit for a PV SOLAR FARM:
7		1. Documentation of the solar module's unlimited 10-year warranty
8		and the 25-year limited power warranty.
9		and the 25 year inniced power warranty.
10		2. Certification by an Illinois Professional Engineer that any relocation of
11		drainage district tile conforms to the Champaign County Storm Water
		Management and Erosion Control Ordinance.
12 13		Management and Diosion Control Ordinance.
14		3. An irrevocable letter of credit to be drawn upon a federally insured financial
15		institution with a minimum acceptable long term corporate debt (credit)
16		rating of the proposed financial institution shall be a rating of "A" by S&P
17		or a rating of "A2" by Moody's within 200 miles of Urbana or reasonable
18		anticipated travel costs shall be added to the amount of the letter of credit.
19		anticipated traver costs shall be added to the amount of the letter of credit.
20		4. A permanent soil erosion and sedimentation plan for the PV SOLAR FARM
		including any access road that conforms to the relevant Natural Resources
21		Conservation Service guidelines and that is prepared by an Illinois Licensed
. 2		Professional Engineer.
. 5		Trotessional Engineer.
21 22 23 24 25		5. Documentation regarding the seed to be used for the pollinator planting, per
. 5		6.1.5 F.(9).
27		0.1.5 T.(<i>)</i>).
28		6. A Transportation Impact Analysis provided by the applicant that is mutually
29		acceptable to the Applicant and the County Engineer and State's Attorney;
30		or Township Highway Commissioner; or municipality where relevant, as
31		required by 6.1.5 G. 2.
32		required by 0.1.5 G. 2.
33		7. The telephone number for the complaint hotline required by 6.1.5 S.
34		8. Any updates to the approved Site Plan from Case 922-S-18 per the Site Plan
35		requirements provided in Section 6.1.5 U.1.c.
36		requirements provided in Section 6.1.5 C.1.c.
37		The special condition stated above is required to ensure that:
88		The PV SOLAR FARM is constructed consistent with the Special Use Permit
39		approval and in compliance with the Ordinance requirements.
10		approvar and in compnance with the Ordinance requirements.
41	I.	A Zoning Compliance Certificate shall be required for the PV SOLAR FARM prior
12	1.	to going into commercial production of energy. Approval of a Zoning Compliance
13		Certificate shall require the following:
ļ4		1. An as-built site plan of the PV SOLAR FARM including structures, property
15		lines (including identification of adjoining properties), as-built separations,
		mico (merasing racinationalist of automing properties), as-vant separations,

1 2 3 4		public access road and turnout locations, substation(s), electrical cabling from the PV SOLAR FARM to the substations(s), and layout of all structure within the geographical boundaries of any applicable setback.
5 6 7 8		2. As-built documentation of all permanent soil erosion and sedimentation improvements for all PV SOLAR FARM including any access road prepared by an Illinois Licensed Professional Engineer.
9 10		3. An executed interconnection agreement with the appropriate electric utility as required by Section 6.1.5 B.(3)b.
11 12 13 14		The special condition stated above is required to ensure that: The PV SOLAR FARM is constructed consistent with the special use permit approval and in compliance with the Ordinance requirements.
15 16 17 18 19	J.	The Applicant or Owner or Operator of the PV SOLAR FARM shall comply with the following specific requirements that apply even after the PV SOLAR FARM goes into commercial operation: 1. Maintain the pollinator plantings in perpetuity.
20 21 22 23		2. Cooperate with local Fire Protection District to develop the District's emergency response plan as required by 6.1.5 H.(2).
24 25 26 27 28		3. Cooperate fully with Champaign County and in resolving any noise complaints including reimbursing Champaign County any costs for the services of a qualified noise consultant pursuant to any proven violation of the I.P.C.B. noise regulations as required by 6.1.5 I.(4).
29 30		4. Maintain a current general liability policy as required by 6.1.5 O.
31 32 33		5. Submit annual summary of operation and maintenance reports to the Environment and Land Use Committee as required by 6.1.5 P.(1)a.
34 35 36		6. Maintain compliance with the approved Decommissioning and Site Reclamation Plan including financial assurances.
37 38 39 40		7. Submit to the Zoning Administrator copies of all complaints to the telephone hotline on a monthly basis and take all necessary actions to resolve all legitimate complaints as required by 6.1.5 S.
41 42 43 44		The special condition stated above is required to ensure that: Future requirements are clearly identified for all successors of title, lessees, any operator and/or owner of the PV SOLAR FARM.

Mr. Elwell asked staff if there were any new Documents of Record.

44

45

ZDA	AS APPROVED FEBRUART 20, 2019	01/31/19
	that a new item 5. should read as follows: PowerPoint Present vironmental Engineer, received January 31, 2019.	tation by Ryan Peters,
Mr. Elwell ente of Fact, as ame	ertained a motion to adopt the Summary of Evidence, Documented.	ats of Record, and Findings
	oved, seconded by Mr. Wood, to adopt the Summary of Evi lindings of Fact, as amended. The motion carried by voice v	
Mr. Elwell ente	ertained a motion to move to the Final Determination.	
	noved, seconded by Mr. Wood, to move to the Final Determination carried by voice vote.	ination for Case 922-S-
petitioners' dis	ormed the petitioner that currently the Board has one member a cretion to either continue Case 922-S-18 until a full Board is move to the Final Determination. He informed the petitioner that proval.	present or request that the
Mr. O'Connell	requested that the present Board move to the Final Determination	ion for Case 922-S-18.
FINAL DETE	RMINATION FOR CASE 922-S-18:	
Appeals finds that the requir	noved, seconded by Mr. Randol, that the Champaign Count that, based upon the application, testimony, and other evid rements for approval of Section 9.1.11B. HAVE been met, a nated by Section 9.1.6 B. of the Champaign County Zoning Zo	ence received in this case, and pursuant to the
conditi	ecial Use requested in Case 922-S-18 with the included waisons, be GRANTED WITH SPECIAL CONDITIONS to the LLC, to authorize the following as a Special Use on land in	applicant, SolAmerica
Zoning	District: Authorize a Community PV Solar Farm with a total namen megawatts (MW), including access roads and wiring, and	C
	CT TO THE FOLLOWING WAIVERS OF STANDARD	CONDITIONS:
Part A	A waiver for a distance of 1,340 feet between a PV Solar I boundary in lieu of the minimum required one-half mile (6.1.5 B.(2)a. of the Zoning Ordinance.	

29

Part B: A waiver for not providing a Decommissioning and Site Reclamation Plan that

includes cost estimates prepared by an Illinois Licensed Professional Engineer

1 prior to consideration of the Special Use Permit by the Board, per Section	6.1.1
2 A.3.	
3	
4 Part C: A waiver for not entering into a Roadway Upgrade and Maintenance Agr	eement
5 or waiver therefrom with the relevant local highway authority prior to	
6 consideration of the Special Use Permit by the Board, per Section 6.1.5 G.	
7	_
8 Part D: A waiver for not including a Landscape Plan as part of the Special Use Pe	rmit
9 application, per Section 6.1.5 F.(9)a.(b)iv.	
10	_
Part E: A waiver for not including a Weed Control Plan as part of the Special Use	Permit
application, per Section 6.1.5 P.(3).	
13	
14 SUBJECT TO THE FOLLOWING SPECIAL CONDITIONS:	
15	
16 A. The approved site plan consists of the following documents:	
• Site Plan Sheets 1 through 5 received November 1, 2018, to include	
18 clarification of the maximum height of the solar arrays.	
• A Landscape Plan including Weed Control Plan to be approved by the	
20 Environment and Land Use Committee prior to submittal with the Z	oning
21 Use Permit Application.	
22	
B. The Zoning Administrator shall not authorize a Zoning Use Permit Application	
issue a Zoning Compliance Certificate on the subject property until the light	_
specifications in Paragraph 6.1.2.A. of the Zoning Ordinance have been met	•
26	
27 C. The Zoning Administrator shall not issue a Zoning Compliance Certificate f	or the
proposed PV SOLAR FARM until the petitioner has demonstrated that the	
29 proposed Special Use complies with the Illinois Accessibility Code, if necessary	ary.
30	
D. The Zoning Administrator shall not authorize a Zoning Use Permit until the	
petitioner submits a copy of an executed Agricultural Impact Mitigation Agr	
with the Illinois Department of Agriculture per the requirements established	l in
Paragraph 6.1.5 R. of the Zoning Ordinance.	
35	
E. A signed Decommissioning and Site Reclamation Plan that has been approve	•
the Environment and Land Use Committee is required at the time of application of the Environment and Land Use Committee is required at the time of application.	
a Zoning Use Permit that complies with Section 6.1.1 A. and Section 6.1.5 Q.	
Zoning Ordinance, including a decommissioning cost estimate prepared by a	an
40 Illinois Professional Engineer.	
41	
F. A Roadway Upgrade and Maintenance Agreement signed by South Homer	
	ll be

A Landscape Plan compliant with Section 6.1.5 F.(9)a.(b)iv., which includes a Weed

1

G.

2 3 4 5		Control Plan compliant with Section 6.1.5 P.(3) and approved by the Environment and Land Use Committee, shall be submitted at the time of application for a Zoning Use Permit.
6	Н.	The following submittals are required prior to the approval of any Zoning Use
7		Permit for a PV SOLAR FARM:
8		1. Documentation of the solar module's unlimited 10-year warranty and the 25-
9		year limited power warranty.
10		
11		2. Certification by an Illinois Professional Engineer that any relocation of
12		drainage district tile conforms to the Champaign County Storm Water
13		Management and Erosion Control Ordinance.
14		
15		3. An irrevocable letter of credit to be drawn upon a federally insured financial
16		institution with a minimum acceptable long term corporate debt (credit)
17		rating of the proposed financial institution shall be a rating of "A" by S&P
18		or a rating of "A2" by Moody's within 200 miles of Urbana or reasonable
19		anticipated travel costs shall be added to the amount of the letter of credit.
20		
21		4. A permanent soil erosion and sedimentation plan for the PV SOLAR FARM
22		including any access road that conforms to the relevant Natural Resources
23		Conservation Service guidelines and that is prepared by an Illinois Licensed
24		Professional Engineer.
25		
26		5. Documentation regarding the seed to be used for the pollinator planting, per
27		6.1.5 F.(9).
28		
29		6. A Transportation Impact Analysis provided by the applicant that is mutually
30		acceptable to the Applicant and the County Engineer and State's Attorney;
31		or Township Highway Commissioner; or municipality where relevant, as
32		required by 6.1.5 G. 2.
33		
34		7. The telephone number for the complaint hotline required by 6.1.5 S.
35		
36		8. Any updates to the approved Site Plan from Case 922-S-18 per the Site Plan
37		requirements provided in Section 6.1.5 U.1.c.
38		
39	I.	A Zoning Compliance Certificate shall be required for the PV SOLAR FARM prior
40		to going into commercial production of energy. Approval of a Zoning Compliance
41		Certificate shall require the following:
42		1. An as-built site plan of the PV SOLAR FARM including structures, property
43		lines (including identification of adjoining properties), as-built separations,
44		public access road and turnout locations, substation(s), electrical cabling
45		from the PV SOLAR FARM to the substations(s), and layout of all structures

45

1		within the	geographical bounda	ries of any applicable setback.
2				
3	2.		-	ermanent soil erosion and sedimentation
4		-		R FARM including any access road prepared
5		by an Illin	ois Licensed Profession	onal Engineer.
6				
7	3.	An execute	ed interconnection ag	reement with the appropriate electric utility
8		as require	d by Section 6.1.5 B.(3	3)b.
9				
10			_	of the PV SOLAR FARM shall comply with
11				t apply even after the PV SOLAR FARM
12	goes i	into commer	cial operation:	
13	1.	Maintain t	the pollinator planting	gs in perpetuity.
14				
15	2.	Cooperate	with local Fire Prote	ction District to develop the District's
16		emergency	response plan as req	uired by 6.1.5 H.(2).
17				
18	3.	Cooperate	fully with Champaig	n County and in resolving any noise
19		complaints	s including reimbursi	ng Champaign County any costs for the
20		services of	a qualified noise cons	sultant pursuant to any proven violation of
21		the I.P.C.E	B. noise regulations as	required by 6.1.5 I.(4).
22				
23	4.	Maintain a	a current general liab	ility policy as required by 6.1.5 O.
24				
25	5.	Submit an	nual summary of ope	ration and maintenance reports to the
26		Environmo	ent and Land Use Co	mmittee as required by 6.1.5 P.(1)a.
27				
28	6.	Maintain o	compliance with the a	pproved Decommissioning and Site
29		Reclamation	on Plan including fina	ancial assurances.
30				
31	7.	Submit to	the Zoning Administr	rator copies of all complaints to the telephone
32		hotline on	a monthly basis and t	take all necessary actions to resolve all
33		legitimate	complaints as require	ed by 6.1.5 S.
34		G	•	•
35	Mr. Elwell requested	l a roll call vo	ote.	
36	-			
37	The roll was called a	s follows:		
38	Lee –	absent	Randol – yes	Wood – yes
39	DiNo	vo – yes	Elwell – yes	•
40		-	•	
41	Mr. Hall informed th	ne petitioners	that they have received	d a recommendation for approval. He said that
42		-	•	Use Committee for their meeting on February 8,
43	2019, at 6:30 p.m.			Ç ,
4.4	, 1			

Mr. Randol stated that this has been the best suited application submitted to this Board for a solar farm.

1 2		Mr. Elwell stated that it is evident that a lot of thought went into this project's location in order to keep			
3	from r	nearby residences.			
4 5 6	The petitioners thanked the Board and staff for their time and consideration regarding their proposed project.				
7 8	7.	Staff Report			
9 10	None				
11 12 13	8.	Other Business A. Review of Docket			
14 15	Mr. H	all stated that Mr. DiNovo has indicated that he will be absent from the February 14 th meeting.			
16 17	Mr. W	ood stated that he would be absent from the June 13 th meeting.			
18 19	Mr. El	lwell stated that he would be absent from the June 27 th meeting.			
20 21	9.	Audience participation with respect to matters other than cases pending before the Board			
22 23	None				
24 25	10.	Adjournment			
26 27	Mr. El	lwell entertained a motion to adjourn the meeting.			
28 29 30	Mr. D vote.	iNovo moved, seconded by Mr. Randol, to adjourn the meeting. The motion carried by voice			
31 32 33	The m	neeting adjourned at 8:35 p.m.			
34 35 36	Respe	ctfully submitted			
37	Secret	ary of Zoning Board of Appeals			