ASTGU ANNUAL REPORT

PURPOSE

This Annual Report form is required to be completed and submitted annually for all projects with the MA Department of Energy Resources (DOER) which received qualification as an Agricultural Solar Tariff Generation Unit (ASTGU) under the SMART program. The form is provided to demonstrate conformance with the general provisions required for ASTGUs in 225 CMR 20.00; in particular pertaining to Section 20.06(1)(d) therein as well as associated ASTGU Guidelines; and specifically pertaining to annual reporting requirements.

The completed form will be reviewed by DOER and the MA Department of Agricultural Resources (MDAR) to determine that the farm is in conformance with all ASTGU provisions in general under the SMART Program, although more specifically to the annual production requirements.

BASIC FARM INFORMATION *(Additional Farm Information added on following page.)*

Farm Contact Person Name: Michael Perry ☒ Farm Owner ☒ Farm Operator
Farm Name: Sheepdog Junction Inc.
Legal Structure: ☐ Sole Proprietor ☐ LLC ☒ Corporation
☐ Partnership ☐ Other _____
Mailing Address: 52 West Street, Carver, MA 02330
Street Address (if different): _____
Contact Phone: Available upon request Contact E-mail: Available upon request
Check all that apply: ☐Solar facility owner ☐Landowner ☐Applicant

Current Type of ASTGU Farm Operation (Check all that apply):
☐ Vegetables ☐ Fruit ☒ Livestock ☐ Poultry ☐ Hay
☐ Nursery ☐ Other _____

Total Acreage in ASTGU Farm Production: 9

Gross Annual Revenue for ASTGU Farm Production: Total $12,500 for contract grazing

Are any major modifications to the farm business expected in the next 5 years? ☐ Yes ☒ No
(Check all that apply.)
☐ Business Legal Structure ☐ Operation Type ☒ Expansion ☐ Diversification
☐ Retirement ☐ Sale ☐ Subdivision ☐ Other _____

BASIC SOLAR PROJECT INFORMATION

Solar System Company Owner: BWC Greene Brook, LLC
Solar System Company Address: 116 Huntington Ave, Suite 601, Boston, MA 02116
Solar Company Contact Person/email/tel#: Tatiana Prevalla, assetmgmtteam@bluewave.energy, (617) 256-2120

BASIC FARM INFORMATION

Farm Contact Person Name: Adam Espinoza ☒ Farm Owner ☒ Farm Operator
Farm Name: Hijos Del Sol Farms & Land Management, LLC
Legal Structure: ☐ Sole Proprietor ☒ LLC ☐ Corporation
☐ Partnership ☐ Other _____
Mailing Address: 144 Warren Ave, Boston, MA 02136
Street Address (if different):_____
Contact Phone : Available upon request Contact E-mail: Available upon request
Check all that apply: ☐Solar facility owner ☐Landowner ☐Applicant

Current Type of ASTGU Farm Operation (Check all that apply):
☒ Vegetables ☐ Fruit ☐ Livestock ☐ Poultry ☐ Hay
☐ Nursery ☐ Other _____

Total Acreage in ASTGU Farm Production: 4

Gross Annual Revenue for ASTGU Farm Production: Total $0 for 2025

Are any major modifications to the farm business expected in the next 5 years? ☒ Yes ☐ No
(Check all that apply.)
☐ Business Legal Structure ☐ Operation Type ☒ Expansion ☐ Diversification
☐ Retirement ☐ Sale ☐ Subdivision ☐ Other _____

BASIC FARM INFORMATION

Farm Contact Person Name: Rachel Rose ☒ Farm Owner ☒ Farm Operator
Farm Name: Pink Petal Flower Farm, LLC
Legal Structure: ☐ Sole Proprietor ☒ LLC ☐ Corporation
☒ Partnership ☐ Other _____
Mailing Address: 258 Baylies Street, Dighton, MA 02764
Street Address (if different):_____
Contact Phone : Available upon request Contact E-mail: Available upon request
Check all that apply: ☐Solar facility owner ☐Landowner ☐Applicant

Current Type of ASTGU Farm Operation (Check all that apply):
☒ Vegetables ☐ Fruit ☐ Livestock ☐ Poultry ☐ Hay
☐ Nursery ☒ Other Flowers

Total Acreage in ASTGU Farm Production: 4

Gross Annual Revenue for ASTGU Farm Production: Total $0 for 2025

Are any major modifications to the farm business expected in the next 5 years? ☒ Yes ☐ No
(Check all that apply.)
☐ Business Legal Structure ☐ Operation Type ☒ Expansion ☐ Diversification
☐ Retirement ☐ Sale ☐ Subdivision ☐ Other _____

ASTGU Project Start-Up/History Information:

Date ASTGU Approved by DOER: Pre-Determination Application Approval: April 29, 2020

Date Solar Portion of ASTGU Project Commenced Construction: Notice to Proceed: April 5, 2023; Construction Start (Mobilization): May 29, 2023

Date Solar Portion of ASTGU Project was Completed & Operational: Permission to Operate received April 15, 2024; Incentive Start Date: May 1, 2024; Received partial approval from Dighton Conservation Commission to begin agricultural operations in limited portions of the array: 5/15/2024; Substantial Completion: June 5, 2024; Final approval of Conservation Commission Permit: October 30, 2024; Final Completion: February 14, 2025

Date Original Agricultural Portion of the ASTGU Project Commenced: June 10, 2024

Date Original Agricultural ASTGU Portion of Project Harvested/Sowed Products: Sheep grazed the site beginning July 1, 2025

How many complete years, that is both solar and agricultural production, has the ASTGU been in operation? 1

SOLAR ARRAY DESIGN – PLEASE PROVIDE AS-BUIILT SYSTEM INFORMATION

Please provide the following information regarding the solar array design:

Nameplate capacity AC (in MW): 2.00 MW *(Note: 1 MW=1000 kW)*
Expected annual generation AC (MWh): 5,684.00 *(Note: 1 MWh=1000 kWh)*
Acreage of farmland over which array is to be installed: 21 fenced acres
System type: ☐ Fixed ☒ Tracking ☐ Other_____
Height of lowest panel edge (in feet): 7'
Height of lowest elevated horizontal mounting (in feet): 10'

Type of mounting (mono poles, racking, etc.): *Driven I-beam piles with polyethylene frost sleeves*

Description of materials and process to be used for ground penetration: *Standard solar construction equipment, materials and processes were used to install galvanized-steel posts into the ground.*

Number of panels, capacity per panel, and panel spacing: *6,250 modules at 580W capacity, mounted in rows; the majority of the array is at a 26'0" pitch (row center-to-row center) with 18'1" interrow spacing (panel edge-to-panel edge); a limited portion of the array is 19' +/- pitch with 11' +/- interrow spacing*

If you wish to provide additional descriptive information regarding the solar array design, including any system changes since original completion, you may include this information below, or in a typed attachment labeled "Solar Array Design."

AGRICULTURAL PLAN FOR DUAL-USE AREA

Planned agricultural use, Year 1. Check all that apply.
☒Vegetable, fruit, grains, for human consumption
☐ Hay
☐ Livestock production
☐ Poultry production
☐ Horticulture
☐ Floriculture
☐ Aquaculture
☐ Other, please describe:_____

Please fill the Crop Table results following this section for horticulture, flowers, vegetable, fruit, grain, and hay crops for your present year of operation. Fill out one Crop Narrative for each crop, detailing anticipated crop management (planting, irrigation, soil amendments, harvesting) and equipment to be used. **Crop Table – Current Season** follows this section. Also, please also fill out a **Crop Table – Next Season** and corresponding narrative at the end of this section with your best information available.

Please fill out the Grazing Table results following this section for livestock and poultry production for your present year of operation. Please also fill out the Grazing Narrative, detailing anticipated pasture and animal management and equipment to be used. **Grazing Table – Current Season** follows the Crop Table section. Also please fill out a **Grazing Table – Next Season** and corresponding narrative at the end of this section with your best information available.

Additional comments regarding agricultural production for Year 1:

BWC Greene Brook, LLC (BlueWave) submitted a Waiver Request for the 2024 crop year to DOER via electronic mail on November 27, 2024. On May 29, 2025, DOER granted a Waiver for Decreased Yield "based on delays in municipal approvals and the exit of the original farmer from agriculture". An update was provided July 15, 2025 sharing that Sheepdog Junction Inc. of Carver, MA had been contracted to graze livestock in the array and that Don Cox (dba Lindsays Cape Cod Herbs) was expected to execute a farming agreement for the cropland portion of the array. Barring execution of that agreement, we communicated that the entirety of the array would be made available to Sheepdog Junction Inc. No reply was received from DOER to this update. As explained further below, Sheepdog Junction was in fact given permission to graze the entire array in 2025. We are submitting a request for a waiver because the original PDA did not contemplate this site as a grazing-only array. Two beginning farmers have recently executed agreements to farm vegetables, herbs and flowers beginning next year, and they have already mowed their acreage in preparation for next year.

How did the Agricultural Production perform versus expectations? Please explain why/why not if you can:

The grass species planted in the portion of the array that was converted from forest have not been as productive as expected, though overall the forage in the array was adequate for sheep this year. Forage growth in 2025 was limited by drought and exacerbated by lingering effects of the insufficient preparation of the soil for vegetation establishment. It is expected that over time, grazing will help re-build the soil in the forest conversion areas. Seed will be added as needed.

No vegetables were planted in 2025. This was due to delays in getting a well drilled, obtaining a well pump, and personal issues that ultimately prevented Don Cox, the farmer BlueWave had begun contracting with, from farming the site this year.

Did you plant the crops/graze the animals as you originally intended when your Pre-Determination Application was approved? If not please explain.

The original Pre-Determination Application anticipated that the landowner of one of the parcels on which this array is located, Jim Cabral, would continue growing butternut squash under the array, expanding his fields to cover the entire array area. Unfortunately, due to age and health issues, Jim Cabral retired from active agricultural production as the array was approaching construction. BlueWave then began discussions with other farmers about farming in the array and shifted the agricultural plan to feature grazing in the portions of the array that had been converted from forest and horticultural production in the former butternut squash fields. In 2024, while recruiting a new farmer, BlueWave staff held volunteer days at the site to ameliorate some of the conditions at site: large rocks were removed from the interrow areas, cover crop was planted in some sections that will have vegetables, the site was mowed. In the update provided on February 6, 2025, BlueWave shared that we were close to agreement with a new farmer who would be using the site for the 2025 crop year. In spring 2025, negotiations with that farmer were delayed while BlueWave worked to set up a reliable water source. Historically, these fields were irrigated using a fuel-powered pump pulling water from a pond outside of the array area. BlueWave considered continuing to use this water source but negotiations on this matter were unsuccessful. The plan then shifted to drilling a well. A well was drilled in April 2025 that produces 30 gpm. Water test results, a prerequisite to installing a pump, were received in May 2025. BlueWave chose to purchase a solar-powered pump and shipping delays led to delivery of the pump in mid-July with installation beginning shortly thereafter.

When BlueWave learned that Don Cox would no longer be able to farm in the array, we allowed Sheepdog Junction Inc. to graze his flock on the entire site and recruited two additional beginning farmers. Currently, three farmers are signed up to farm this site for at least the next five years: one grazier and two beginning vegetable/flower farmers. We expect to have grazing on the 9 acres that were converted from forest and diversified crop production on the remaining 8 acres.

Were the products marketable anticipated? Please explain how the production values (weight/bushels etc) were determined.

No vegetables or flowers were planted in 2025. Sheepdog Junction grazed between 32 and 46 sheep over the month of July and then November. The sheep were sufficiently fed from the solar array while they grazed it. Sheepdog Junction raises sheep to train sheepdogs and do contract grazing so harvest of lamb is not their primary goal.

What occurred during the current season that wasn't anticipated? Positive & Negative.

Positive: Though the southeast region of Massachusetts was in mild drought in April, May, September and October, Michael Perry of Sheepdog Junction reported that forage availability in the array exceeded any of the other land he had available to graze. He reported plenty of forage, shade and navigability of the site as positives. Perry was able to graze the site into November, demonstrating the season extension and soil moisture retention benefits of agrivoltaic arrays.

Positive: Though it occurred late in the season, signing up Hijos Del Sol Farms & Land Management and Pink Petal Flower Farm is a major positive for this site going forward. BlueWave has worked with these farmers on another site and is excited to provide them with the opportunity to start their farm businesses within the array.

Negative: The shipping delay for the solar pump was not anticipated and negatively impacted the farm plan for 2025. Additionally, the structure for the solar array powering the pump was not deemed adequate by the installer to withstand winter weather conditions. (The pumps were shipped from the Central Valley of California.) Reinforcement of the structure delayed installation of the pump.

Negative: The decision made by Don Cox late in the season to decline to farm in the site was understandable given his circumstances but unfortunate in that it occurred too late for the new vegetable farmers to plant a fall crop.

Negative: Sheepdog Junction's grazing plan did not perform as intended due to lack of water availability as the pump was being set up and the presence of predators. Fewer sheep were brought to the site and for shorter duration grazing stints (sometimes only the daylight hours, brought back the next day). These problems will be remedied for next season.

What Changes/Modifications do you expect to make to improve on production if needed?

In 2025, since there were no vegetable farmers active on site, Sheepdog Junction did not utilize temporary electric netting to divide the array into paddocks. In 2026, electric netting will be used. The rotational grazing pattern with increased stocking rate is expected to improve the health of the soil and the mixture of species present in the pasture portions of the array. Electro-net will also mitigate predator access to the flock. If it is not sufficient, a predator skirt may be installed on the perimeter fence.

Do you expect to grow the same crops on the land in years 2 and 3? Briefly describe your crop rotation plan and what you expect to be growing on the land for the next 5 years Will the same

equipment be used? If not, is current array design compatible with future crop management needs and equipment?

Sheepdog Junction anticipates continuing to graze his sheep in the portions of the array that were previously forested for the next 5 years. He may bring a guard donkey to graze with the sheep. The array is suitable for most types of livestock and Sheepdog Junction is authorized to bring in cattle, goats or poultry in addition to sheep. All animals will be kept out of the vegetable production areas.

Hijos Del Sol Farms & Land Management, LLC and Pink Petal Flower Farm, LLC are new businesses and both are still figuring out their preferred crop plans and target markets. BlueWave anticipates that crops and varieties will vary for at least the first few years as they get established. The array is suitable for diversified vegetables, herbs, small fruits and flowers. Each farmer will rotate crops within the acreage that they are managing, and the three farmers have the ability to exchange acres if desired.

Table A: Crop Production – Current Season					
Crop	**Area planted** ***(Row length and width or acreage, as appropriate)***	**Planting date(s)** ***(approximate)***	**Harvest date(s)** ***(approximate)***	**Expected productivity, total pounds harvested with dual use**	**Actual productivity, pounds, with dual use**
N/A	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

CROP NARRATIVE – Current Season

*Please detail the crop management for this past season, including approximate **dates** and **equipment** used. The purpose of this form is to provide empirical data regarding compatible equipment usage and crop management needs. If you need additional space, please include a typed attachment labeled "Crop Narrative."*

Crop: *Pasture*

Planting Plan: *No seed was added in 2025.*

Soil Amendment Plan: *No soil amendments were added in 2025.*

Cultivation Plan: *The soil was not cultivated in 2025.*

Irrigation Plan: *No irrigation was used in 2025.*

Pesticide/Herbicide Plan: *No pesticides or herbicides were used in 2025.*

Harvest Plan: *Sheep grazed the entire site in July and in November. Though BlueWave intended for vegetables to be harvested in 2025, the additional year of rest for the land and the organic matter added through the mowing of forage will improve the soil condition for the vegetables grown next year.*

Table B: Grazing Production – Current Season							
Type(s) of animal grazed	**Area grazed *(acreage)***	**Grazing pressure # *animals per acre***	**Purpose (e.g. meat, dairy, eggs)**	**Grazing period(s)**	**Harvest date(s) *if applicable***	**Expected productivity with solar array**	**Actual productivity with solar array**
Sheep	21	1.5 - 3	Training of sheep dogs, contract grazing, meat	July, November	N/A	Based on USDA Web Soil Service, the productive acreage in the array could support 123 AUM, or roughly 88 sheep grazing each month during the growing season.	35 to 46 sheep grazing per month grazed

GRAZING NARRATIVE – Current Season

*Please detail the past season animal and pasture management, including **dates** and **equipment** used. The purpose of this form is to provide empirical data regarding compatible equipment usage and production needs. If you need additional space, please include a typed attachment labeled "Grazing Narrative."*

Type(s) of Animals Grazed: *Sheep*

Pasture Management Plan: List any anticipated seeding, soil amendment, irrigation, pesticide, mowing, etc., including approximate dates and equipment used.

No seeding, soil amendment, irrigation, or pesticides were used in 2025. The site was mowed in July and in November. Sheepdog Junction reported that the vegetation seemed healthy and kept the sheep happy.

Animal Management Plan:
For each type of animal grazed, describe management regarding housing/shelter, water source, fencing, movement, disease treatment, harvest, etc. that was carried out within the solar array area. Describe equipment used in these activities.

The sheep used the livestock trailer that they were brought to site in as well as the array panels for shelter from the sun and rain.

There was no on-site water available during the 2025 grazing season, so water was brought from off-site daily or every other day while sheep were on site.

Sheep were free to graze the site in its entirety. Next year will include a rotational grazing plan with the utilization of moveable electric net fencing.

Veterinary services were not required for the sheep while they were in the array or resulting from their time in the array.

Describe any modifications to the solar array design that were made in order to reduce the risk of animal damage to the solar array, or risk of electrocution to animals.

The array is raised 10' at the torque tube and DC conductors are secured along the torque tube at this height. There is no overhead CAB system on this site. Instead, where conduit travels out of the line of the array rows, wires are encased in PVC conduit and buried more than 3' deep to reduce any risk of electrocution of animals or farmers during agricultural activities. All equipment that must be grounded is grounded and higher voltage equipment such as transformers are enclosed within a fence. The livestock portion of the array is surrounded entirely by its own 8' tall fixed-knot woven wire fence.

Table A: Crop Production – Next Season					
Crop	**Area planted** ***(Row length and width or acreage, as appropriate)***	**Planting date(s)** ***(approximate)***	**Harvest date(s)** ***(approximate)***	**Expected productivity, total pounds harvested without dual use**	**Expected productivity, total pounds, with dual use**
Hijos Del Sol: Tomato-Slicing	2 300-ft crop row within a 4-ft-wide bed (bed has 2 crop rows; ~1.5 ft in-row spacing)	5/1	7/1-9/15	690	550
Hijos Del Sol: Tomato-Roma	2 300-ft crop row within a 4-ft-wide bed (bed has 2 crop rows; ~1.5 ft in-row spacing)	5/1	7/1-9/15	690	550
Hijos Del Sol: Pepper-Sweet	4 300-ft crop row within a 4-ft-wide bed x2 (bed has 2 crop rows; ~1.5 ft in-row spacing)	5/1	7/1-9/15	1000	800
Hijos Del Sol: Pepper-Hot	4 300-ft crop row within a 4-ft-wide bed x2 (bed has 2 crop rows; ~1.5 ft in-row spacing)	5/1	7/1-9/15	830	660
Hijos Del Sol: Squash-Butternut	4 300-ft crop row within a 4-ft-wide bed x2 (bed has 2 crop rows; ~1.5 ft in-row spacing)	5/31	8/1-9/30	1100	880
Hijos Del Sol: Squash-Acorn	4 300-ft crop row within a 4-ft-wide bed x2 (bed has 2 crop rows;	5/31	8/1-9/30	1000	800

Pink Petal: Pumpkins	+/- 1 acre; 3 48" beds per interrow space, 6' spacing between plants	Early June	Late September to Early November	1500 lbs	1000 lbs
Pink Petal: Culinary Herbs including basil, oregano, rosemary, cilantro, parsley	+/- 1 acre; 3 48" beds per interrow space, 6-12" spacing between plants	May/June	Late July - November	1000 – 4000 lbs depending on crop	600 – 2000 lbs
Pink Petal: Flowers	+/- 1 acre; 3 48" beds per interrow space, 12 – 24" spacing between plants	May/June	August – October	Yield in lbs/acre will vary widely depending on varieties chosen	40% yield reduction from open-field conditions anticipated
Pink Petal: Cover Crop (Preparation for fall planting of crops to be harvested in 2027)	+/- 1 acre	June	N/A	N/A	N/A

CROP NARRATIVE – Next Season

*Please detail the crop management planned for next season, including approximate **dates** and **equipment** used. The purpose of this form is to provide planned data for the upcoming season regarding compatible equipment usage and crop management needs. If you need additional space, please include a typed attachment labeled "Crop Narrative."*

Crop: *Tomatoes, Peppers, Winter Squash, Pumpkins, Culinary Herbs, Flowers*

Planting Plan: *Cover crop will be tilled into the soil in spring as soon as soil temperatures and moisture conditions allow. Then, crops that do best transplanted including tomatoes, peppers, winter squash, some herbs and some flowers will be transplanted by hand in May or June depending on the crop. Other crops including pumpkins will be direct sown. There will be three 48"-wide beds per interrow space with spacing in the row and number of rows per bed determined by the crop and variety being planted. The acre of cover crop that is being sown in preparation for fall planting will be seeded using on-site equipment in June before being tilled in later in summer. Pink Petal Flower Farm, LLC will then plant either garlic or fall bulbs, with the final decision made later in the growing season.*

Soil Amendment Plan: *Soils will be tested periodically and amended based on needs. Before planting vegetables, compost will be applied to the beds and incorporated lightly using on-site equipment. Heavy-feeding crops including tomatoes and peppers will have a N-P-K fertilizer incorporated at the time of planting with the mix determined based on soil tests. Flowers will be side dressed with Kreher's 8-2-2 poultry manure and feather meal organic fertilizer. Lime and additional slow-release nitrogen fertilizer may be used as needed in the flower areas.*

Cultivation Plan: *Permanent and semi-permanent beds will be maintained to minimize soil disturbance, with traffic confined to the paths between beds. Beds will be weeded using a combination of shallow mechanical cultivation with small hoes and wheel tools and hand weeding close to the crop rows. Organic mulches and, where appropriate, plastic mulches, will be used on some crops to suppress weeds and conserve moisture. Crop residues will be mown or chopped at the end of the crop's harvest window and either incorporated lightly or left on the surface as mulch, depending on timing, disease pressure and the needs of the next crop. All cultivation and bed maintenance will be done with equipment purchased specifically for use in the ASTGU.*

Irrigation Plan: *Each bed of flowers, herbs & vegetables will be equipped with drip irrigation lines supplied by the on-site well and solar-powered pump system. Irrigation frequency and duration will be adjusted throughout the season based on crop stage and weather. Mainlines and valves will be routed along alleys where they do not interfere with vehicle and foot traffic and the system will use zones to match water needs to the crops grown in different areas.*

Pesticide/Herbicide Plan: *Pest and disease management will follow integrated pest management (IPM) principles. Practices such as crop rotation, sanitation, use of row covers where needed, and selection of appropriate varieties will be utilized. Weeds will be managed primarily through cultivation and mulching rather than herbicides. If pesticide applications are necessary, only*

organic products labeled for the specific crops will be used, following all label directions and regulations. Applications are targeted to problem areas rather than broadcast whenever possible to minimize use and protect beneficial insects and soil life.

Harvest Plan: *Tomatoes, peppers, flowers and some herbs will be harvested multiple times per week with squash and pumpkins harvested once they have reached maturity. Harvest is carried out using hand tools, harvest totes and bins. Product will be moved from the rows into the alleys and then to field edges or wash/pack areas using wheelbarrows, hand carts, or small utility equipment that can maneuver safely under and around the solar array.*

Table B: Grazing Production – Next Season							
Type(s) of animal grazed	**Area grazed *(acreage)***	**Grazing pressure # *animals per acre***	**Purpose (e.g. meat, dairy, eggs)**	**Grazing period(s)**	**Harvest date(s) *if applicable***	**Expected productivity without solar array**	**Expected productivity with solar array**
Sheep	9	5	Sheepdog training, contract grazing, meat	As possible, depending on forage growth	N/A	54 AUM or 38 sheep grazing throughout the 7-month growing season	33 AUM (while we expect the productivity of the forage to increase every year, since sheep will be grazing the portion of the site that was converted from forest, a 40% reduction factor is being used)

GRAZING NARRATIVE – Next Season

*Please detail the next season animal and pasture management, including **dates** and **equipment** used. The purpose of this form is to provide planned data for the upcoming season regarding compatible equipment usage and production needs. If you need additional space, please include a typed attachment labeled "Grazing Narrative."*

Type(s) of Animals Grazed: *Sheep*

Pasture Management Plan: List any anticipated seeding, soil amendment, irrigation, pesticide, mowing, etc., including approximate dates and equipment used.

Mowing will take place as needed to supplement management of any vegetation not eaten by sheep. Soil amendments will be made according to observed forage growth and may include lime or a NPK fertilizer. Some seeding in weak areas may be done, likely by hand and shovel/rake due to the small size of the area but possibly using the tractor and seeding implements available on site. There is no intent to use pesticides, herbicides, or irrigation on the pasture.

Animal Management Plan:
For each type of animal grazed, describe management regarding housing/shelter, water source, fencing, movement, disease treatment, harvest, etc. that was carried out within the solar array area. Describe equipment used in these activities.

The livestock trailer used to transport sheep to the site provides shelter for the sheep from the worst storms; otherwise, the panels provide adequate shade and shelter while the sheep are on site. Sheepdog Junction has winter housing for the sheep at their home farm. Next year, water will be available for the sheep from the on-site well and portable water trough(s) will be placed in their grazing paddock and filled daily when they are on site. Portable electro-net fencing will be used to divide the array into paddocks and provide protection from predators. Veterinary services will be utilized as needed.

Sheepdog Junction is in the process of growing their flock. The business is currently focused on using the sheep to train sheepdogs that are sold to other graziers with the goal of increasing the flock to the size where it can be employed for contract grazing of solar arrays and other sites. Because of this focus on growth and contract grazing, meat sales are not currently a main source of income. Some ram lambs are sold for meat to local customers.

Describe any modifications to the solar array design that were made in order to reduce the risk of animal damage to the solar array, or risk of electrocution to animals.

Modifications to the perimeter fence may be made to prevent entry of predators into the array. No additional modifications of the solar array are planned.

Waiver for Decreased Yield

i. Waiver for Decreased Yield
Due to unforeseen circumstances, such as but not limited to weather events, pests, or change in crops, the projected agricultural yield for any given year may be lower than stated in the agricultural plan or previous year's annual report. In these instances, an applicant can request a waiver to the Department for the decreased yields. The applicant must demonstrate to the satisfaction of the Department, and in consultation with MDAR, that a waiver is warranted for good cause. Waiver requests must be submitted by November 1st of the applicable calendar year and sent to DOER.SMART@mass.gov.

ii. Failure to Report
If the ASTGU fails to submit an annual report, the Department may declare the project ineligible for the ASTGU adder for one year. If the annual report is not completed for a second year, then the Department may permanently disqualify the ASTGU from continuing to receive the ASTGU Adder for the remainder of the STGU's tariff term.

SIGNATURES AND ATTESTATIONS

Prior to submitting the Pre-Determination Form, please read and sign as directed below.

Landowner

I hereby certify that I have personally examined and am familiar with the information submitted herein, and, based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

James Cabral
James Cabral (Nov 26, 2025 07:22:37 EST)
Signature of Landowner

11/26/25
Date

Signature of Landowner

Date

Farm Operator and Landowner

I/we hereby certify that the information submitted regarding the current farm conditions and practice and the Agricultural Plan for the Dual-Use Area is accurate and complete to the best of my/our knowledge and intentions, and that I/we have engaged with the University of Massachusetts Amherst Clean Energy Extension and thereby its agricultural extension service to review the Agricultural Plan and its compatibility with the solar array structures and shading. Further, I/we agree, conditional on being provided eligibility to the SMART program as an ASTGU, to submit a report, through a template provided by the University of Massachusetts Clean Energy Extension, annually throughout the duration of the SMART incentive with ASTGU adder, on the operations and productiveness of the solar array and agriculture along with any changes to the Agricultural Plan for the following year. I/we understand that failure to maintain productive agricultural activities and annual reporting may result in the disqualification of the facility as an ASTGU in the SMART program.

Signature of Farm Operator

11/20/25
Date

Signature of Farm Operator

11/26/2025
Date

Rachel Rose
Rachel Rose (Nov 26, 2025 16:19:52 EDT)
Signature of Farm Operator

11/26/2025
Date

James Cabral
James Cabral (Nov 26, 2025 07:22:37 EST)

Signature of Landowner | 11/26/25 Date

Signature of Landowner | Date

Solar Facility Owner

I hereby certify that the information submitted regarding the Solar Array Description and inputs and outputs of the Shading Analysis is accurate and complete to the best of my/our knowledge and intentions.

Deborah Collum
Authorized Signatory
Signature of Solar Facility Owner | Date: December 1, 2025