

Bristol Town Administrator

From: Leslie Cadwell <lac@lac-lca.com>
Sent: Saturday, January 9, 2021 4:48 PM
To: Bristol Town Administrator; Kris Perlee; Adam Lougee
Cc: Nathaniel Vandal; 'ccadwell@greenpeaksolar.com'
Subject: Green Peak Solar/Bristol Solar LLC and Bristol BESS LLC 45-Day Notice
Attachments: 45-Day Aesthetics Memo.pdf; 45-Day Notice NR Map.pdf; 45-Day Notice Site Plan.pdf; 45-Day Notice and Svc List.pdf

On behalf of Green Peak Solar, please find attached a copy of the 45-day notice and accompanying documents for the Bristol Solar LLC 2.2 MW solar project planned for Cain Hill Road in Bristol. The notice also provides information for Bristol BESS LLC for a battery energy storage project to be co-located on the same parcel. The Bristol Select Board and Bristol Planning Commission will each be receiving a hard copy that I sent by mail today. The ACRPC will also be receiving a hard copy. I wanted you to have the electronic copies to facilitate distribution to your members and constituents. Please feel free to contact Nathaniel or Chris from Green Peak Solar with any questions, and of course, you may contact me as well at the number below.

Thank you for your considering and attention to both of these projects.

Warm regards, Leslie Cadwell



LEGAL COUNSELORS & ADVOCATES, PLC

PO Box 827 | Castleton VT | 05735

Phone: 802.342.3114

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MEMORANDUM

To: Green Peak Solar – Attn: Nathaniel Vandal
From: Michael J. Buscher
Date: January 8, 2020
Re: Preliminary Aesthetic Review of the Bristol Solar Project and Bristol Storage Project

Per the request of Green Peak Solar, T. J. Boyle Associates, LLC (“TJB”), a landscape architecture and planning firm, has completed a preliminary review of potential aesthetic impacts as a result of a proposed 2.2 MW (AC) solar electric generation facility located in Bristol, Vermont (the “Project” or “Bristol Solar Project”). It is my understanding that the Project would consist of solar panels arranged in approximately 30 rows of single axis racking units. Rows of panels would run north-south and would change angle throughout the day to track the sun from east to west. Racking systems would be roughly 7 to 8 feet tall at the axis and roughly 12 to 14 feet tall on the high side at maximum tilt. The area of solar panels would be secured by a 7-8 foot agricultural style fence. Other Project elements include a battery energy storage system (the Storage Project), located at the northwest corner of the solar panel area, electrical equipment including inverters and transformer, a new access road, and interconnection facilities including a short section of new overhead electric line to the north, that would connect with the existing distribution network.

Both the Vermont Natural Resources Board and the Vermont Public Utility Commission (the “Commission”) utilize the so-called Quechee Lakes standard [set forth in the decision Quechee Lakes Corporation, #3EW0411-EB and #3O439- EB (1986)] to guide their aesthetics analysis. According to the Quechee Lakes standard, regulators must first determine whether a project will have an adverse impact on aesthetics and scenic and natural beauty of the area. A project has an adverse impact if it is out of character with its surroundings. Specific factors that regulators use to make this evaluation include the nature of the project surroundings, the compatibility of the project design with those surroundings, the suitability of the project colors and materials with the immediate environment, the visibility of the project, and the impact of the project on open space. If regulators conclude that a project will have an adverse effect, the next step in the two-part test is to determine whether the adverse effect of the project is “undue.” The adverse effect is considered undue when regulators find that any one of the following questions is answered yes: (1) Does the project violate a clear, written community standard intended to preserve the aesthetics or scenic beauty of the area? (2) Have the applicants failed to take generally available mitigating steps which a reasonable person would take to improve the harmony of the project with its surroundings? (3) Does the project offend the sensibilities of the average person? Is it offensive or shocking because it is out of character with its surroundings or significantly diminishes the scenic qualities of the area? For transmission upgrades, the Commission’s aesthetic analysis, however, does not end with the results of the Quechee test. In addition, the Commission’s aesthetic assessment is “significantly informed by overall societal benefits of the project.” Commission Docket No. 6860, Order of 1/28/05 (footnotes omitted).

TJB has reviewed preliminary plans and performed a preliminary visual analysis of the Projects. The Projects are proposed within an open field, situated on a small plateau, slightly south of the Bristol village. Just north of the Project, a steep embankment slopes down to South Street and the New Haven River. The site is at the eastern edge of the Champlain Valley with the foothills of the Green Mountains rising just to the east. The Projects would be accessed by Cain Hill Road, which currently provides access directly onto the site. Cain Hill Road is accessed from South Street. A new access road would be built from Cain Hill Road along the northern side of the host parcel. The new drive would access proposed equipment areas, including the battery storage area, and the gate to access the solar array area.

The host site is surrounded by mature vegetation. There would be minimal clearing of existing vegetation, mostly limited to installation of the interconnection line. A combination of surrounding landform and mature vegetation would substantially screen visibility of the Projects from the surrounding area. During leaf-on conditions, there would be almost no visibility of the Projects, limited to exceptions like the Bristol Ledges, a lookout to the northeast of the site. During leaf-off conditions, limited increased visibility of the Projects is anticipated, primarily from Main Street, West Street, and South Street from near the intersection with Main Street. Similar views would be possible from properties along the south side of Main and West Streets. Views of the Projects would be through the surrounding mature vegetation, which would still be largely obstructed views of Projects' components during leaf-off conditions and the Projects together would not be a prominent feature in these views.

Based on our preliminary review, the Bristol Solar Project and Storage Project are sited to take advantage of surrounding landform and vegetation that would largely screen views of the Projects and therefore mitigate potential adverse aesthetic impacts. At this time no additional plantings are proposed as an additional form of mitigation. Our preliminary findings indicate that the Projects would not result in an undue adverse effect to the aesthetics or scenic or natural beauty of the area. TJB will complete a full aesthetic analysis, including an evaluation of the Projects under the so-called Quechee Analysis, to be included with the Petitions for a Certificate of Public Good for the Solar Project and Storage Project. That analysis will further examine the Bristol Town Plan and the Addison County Regional Plan for criteria that address Scenic Resources. TJB will coordinate with the developer, the Town of Bristol and other interested parties in the review of aesthetic impacts. If additional mitigation measures are found to be necessary, TJB will provide plans and details with the final aesthetic analysis to specify additional mitigation measures.



To: Town of Bristol Select Board
Town of Bristol Planning Commission
Addison County Regional Planning Commission

Re: Advance Notice of (1) Petition for Section 248 CPG for a Standard Offer 2.2 MW (AC) Solar Photovoltaic Electric Generation Facility and (2) Petition for Section 248 CPG for a Battery Energy Storage System (BESS) to be co-located at 127 Cain Hill Road in Bristol

Cc: Attached 45-Day Notice Service List

Date: January 9, 2021

Introduction

Green Peak Solar, LLC, (GPS) a Vermont limited liability company based in Waitsfield, Vermont, was selected by Green Mountain Power (GMP) to complete development of a 2.2MW (AC) solar photovoltaic project to participate in Vermont's Standard Offer Program and to be located on a portion of land at 127 Cain Hill Road in Bristol (the Solar Project). Standard Offer projects like the one described in this letter sell their power to Vermont's electric distribution utilities to help satisfy their renewable energy targets and the State's renewable energy goals. The renewable energy and RECs produced by this Solar Project will be sold to Vermont's utilities at a price of \$0.087 per kilowatt hour over the contract's 25-year term.

GPS is also proposing to install a battery energy storage system (BESS) to be co-located on the same site as the Standard Offer solar project (the Storage Project). The Storage Project will enhance and add value to the resiliency of GMP's local distribution network by taking advantage of battery storage technology in alignment with other energy storage systems currently deployed on GMP's network.

This letter provides you with advance notice of GPS's intent to file a petition with the Public Utility Commission (PUC), pursuant to 30 V.S.A. § 248, through a special purpose Vermont limited liability company, Bristol Solar, LLC, to construct and commission the Solar Project, as well as GPS's intent to file a separate petition on behalf of Bristol BESS, LLC, also pursuant to 30 V.S.A. § 248, to construct and commission the Storage Project, which will be owned and financed separately from the Solar Project. We wanted you to see in a single advanced notification how these two projects will be co-located on the Cain Hill Road parcel so that you can better evaluate the proposed development as a whole should they both receive approval from the PUC. On behalf of Bristol Solar, LLC and Bristol BESS, LLC, GPS will ask the PUC to consolidate the petitions for convenience of the administrative process and to simplify the proceedings for stakeholders. We are planning to file the petitions with the PUC on March 1, 2021, and hope to receive approval in time to construct and commission the projects before December 31, 2021.

To help you evaluate our proposal and provide us with feedback before we file the petitions with the PUC, we describe the Solar Project and the Storage Project in more detail below and offer our initial analysis on the projects' potential impacts to your interests during construction and upon commissioning.

Project Location and Description

The Solar Project

The Solar Project is proposed for an existing agricultural field at the top of Cain Hill Road in Bristol. The host parcel is elevated above South Street as the roadway follows the New Haven River northeast toward Pump House Road. Local topography and existing vegetation provide natural screening for the agricultural field where the Solar Project's approximately 30 varying length rows of ground-mounted solar panels will be installed. The racking system supporting the solar panels will be fixed to the ground through a driven pile foundation, and the project will include twenty-two (22) 100 kW string inverters to convert electricity generated by the panels from DC to AC current; a single 2.5 kVA pad-mounted transformer (with secondary containment) and associated switchgear; electrical wiring in underground conduit to connect the rows of panels; and metering, disconnect, and other ancillary equipment mounted onsite on three to four new utility poles. The Solar Project will interconnect with GMP's electric distribution system through a short overhead extension from the project site to an existing pole along Pump House Road. Enclosed with this letter is a preliminary site plan showing the array layout and location of associated equipment.

The project's solar panels will be a dark non-reflective color and will be set in rows oriented north-south. Each row of panels will rotate east to west every day to track the sun and maximize the facility's energy production. We are proposing to keep existing vegetation in place to help screen the Solar Project from view, except for a narrow right of way necessary for the short in interconnection line extension to the pole on Pump House Road. GPS considered locating the new overhead extension along Cain Hill Road to avoid removing vegetation for the narrow right of way, but was informed by GMP that the route up Cain Hill Road was not practical for the utility, and the alternative route would require more tree clearing than the utility's preferred location.

The Solar Project will be fenced-in and gated using 8-foot-tall agricultural style fencing to protect public safety and deter unauthorized entry. No exterior lighting will be installed, and no water or wastewater facilities will be needed as the Solar Project will be operated and monitored remotely. Access to the site will be from an existing gravel driveway off Cain Hill Road, with a new gravel turnaround installed inside the perimeter fence as shown on the preliminary site plan.

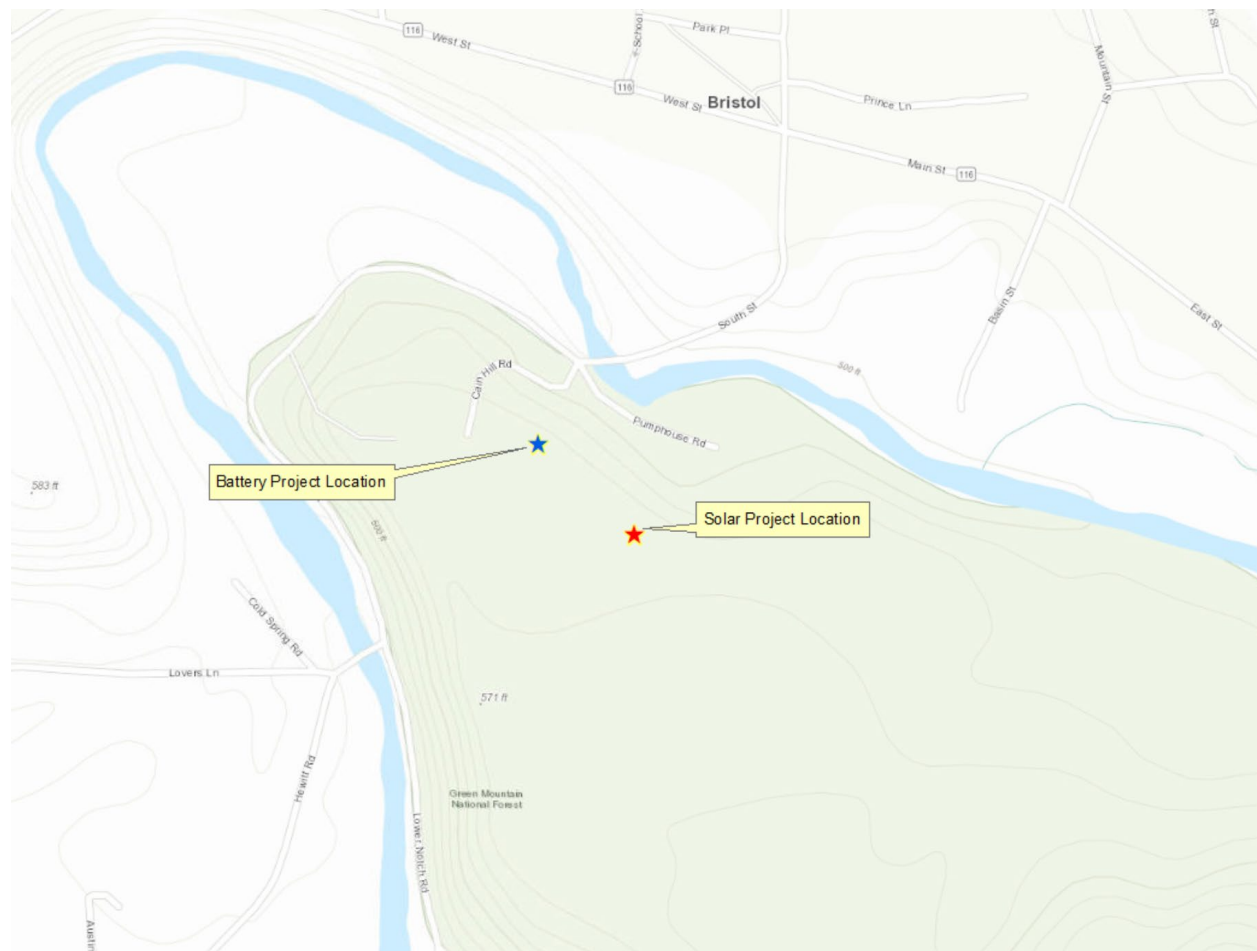


Figure 1: Map of proposed project locations.

The Storage Project

The Storage Project is proposed for the same parcel as the Solar Project at 127 Cain Hill Road in Bristol. The Storage Project will consist of five (5) Tesla Powerpack Systems (or similar) with a combined maximum output of 2,950 kW, five (5) inverters mounted on a concrete pad and connected to a pad-mounted step-up transformer with secondary oil containment. An underground line will run from the pad-mounted transformer to one of the new utility poles and then continue overhead for interconnection with GMP at the existing pole on Pump House Road and will include three to four additional poles extending from the Solar Project line extension to the Storage Project location. Each of the five (5) battery systems include a smart inverter, AC main breaker, battery modules and thermal management system. The battery modules, inverters, thermal system, and AC main breaker are all pre-assembled and factory tested in an environmentally sealed enclosure. The system is designed and optimized, from the ground up, for safety throughout the entire product lifecycle – during transit, installation, commissioning, operations and maintenance, and decommissioning. The Storage Project will have its own perimeter security fence. Like the Solar Project, no exterior lighting will be installed.

The Storage Project battery system will be charged directly from the GMP distribution grid and will be used for a combination of peak shaving on the system as well as frequency regulation services in the

wholesale energy markets. When performing peak reduction services, the battery system will be charged to 100 percent state of charge prior to expected system peak load times, and discharged during the peak hours to reduce peak loads on the distribution system. When performing frequency regulation services, the battery system will follow a signal provided by the independent system operator to help balance short term changes in generation and load to maintain grid frequency.

Setbacks

The Solar Project is subject to statutory setbacks that will be met by the present design. The Solar Project is required to be setback a minimum of 50 feet from each property boundary that is not a State or municipal highway and a minimum of 100 feet from a State or municipal highway, measured from the edge of the traveled way, which are larger than the setbacks required by the Bristol Unified Development regulations. Both Projects will be setback a minimum of 50 feet from the nearest property boundary¹ and will be setback over 100 feet from both Pump House Road and South Street.

Transportation of Materials and Equipment for Construction

Construction access for delivery of materials and equipment for the Solar Project and the Storage Project will be the existing gravel drive on Cain Hill Road. No oversize trucks or special transportation permits will be required for these deliveries, but traffic will temporarily increase on South Street and Cain Hill Road during construction. We anticipate approximately 40± truck trips will be made to deliver materials and equipment for construction of the Solar Project and the Storage Project. GPS will work with our construction contractor to minimize vehicular traffic as much as possible, and we will ensure that Cain Hill Road is well maintained and is left in better condition after construction than its pre-construction condition. GPS does not anticipate that traffic controls will be necessary at any time during the three-month construction period but welcomes your input to better understand local experience with traffic through the intersection of Cain Hill Road and South Street near Pump House Road.

Construction Schedule

GPS is working hard to develop and obtain all necessary approvals the Solar Project and the Storage Project so that construction of the two projects can be coordinated to meet an end-of-year construction and commissioning schedule for both, although construction of the Storage Project may commence after the Solar Project. Construction hours for both projects will be limited to 7:00 A.M. — 7:00 P.M. Monday through Friday and 8:00 A.M. — 5:00 P.M. on Saturdays. No construction-related activities will take place on Sundays or state and federal holidays. At this time GPS anticipates construction of the Solar Project will take 3 months and the Storage Project just several weeks.

Site Preparation, Grading, Erosion Controls

The only structures that will be constructed on-site, in addition to the array itself, are the concrete pad and secondary containment for the solar interconnection facilities, as well as the perimeter fences for safety and security. Low-impact construction methods will be used to install both projects to minimize

¹ The host landowner and GPS are working to modify the property boundaries in connection with development of the Solar Project. The preliminary site plan shows that the project design meets the mandatory set back from both the existing and proposed property boundaries.

soil disturbance and other unwanted impacts on the site and surrounding area. Some of the low-impact strategies that we intend to utilize are limiting grading and excavation to trenching for underground conduit and installation of the equipment and Storage Project pads, reducing tree cutting or clearing to the minimum required for interconnection, and pile-driving the solar array racking and fence posts. GPS will implement appropriate erosion control measures and will obtain all stormwater discharge permits that are necessary in connection with construction and operation of the projects. Please refer to the preliminary site plan for our preliminary impact calculations.

Natural Resource Impact Assessment, Primary Agricultural Soils

GPS engaged VHB to perform an assessment of the natural resources on and adjacent to the project location to help site the array and the Storage Project and evaluate the development's impacts on resources protected by the § 248 review process. This assessment included surveys for wetlands and rare, threatened, and endangered species. A map showing the results of that assessment is provided with this notice. As the map and preliminary site plan show, the Solar Project and the Storage Project have been designed in a manner to avoid adverse impacts to the natural environment. In addition, native soils will remain in place following construction, and where reseeding is necessary, GPS will utilize pollinator friendly seed products. No trees exceeding 12 inches diameter at breast height will be cleared between April 1 and November 1 to prevent potential against adverse impacts to protected Indiana bats. The petitions for a CPG filed for the Solar Project and the Storage Project will include a complete natural resource impact assessment and supporting expert testimony to demonstrate the low impact of these projects on Vermont's cherished environment.

Aesthetics & Historic Sites

Visual Aesthetics

GPS engaged a Burlington, Vermont-based landscape architecture and planning firm, TJ Boyle Associates, to perform an initial visual impact analysis of the Projects, the results of which are provided in a memorandum enclosed with this letter. The site was selected, in part, for its natural screening, which will serve to limit visual impacts to the surrounding area. The visual impact analysis filed with the CPG petitions on March 1, 2021 will include photographs and viewshed mapping to demonstrate the Projects' low visual impact on the community and surrounding area.

Sound

The petitions for the Solar Project and the Storage Project will provide an analysis of expected sound emissions from each project alone as well as combined. This presentation will allow you and other stakeholders to evaluate the sound impacts of each on a standalone basis and to better understand impacts if both projects are approved, constructed, and commissioned. Given the limited number of sound-emitting pieces of equipment involved in both projects, GPS does not anticipate any adverse impacts to adjacent residences or the surrounding community from the Solar Project or the Storage Project or both.

With respect to construction noise, the expected impacts will be both reasonable and temporary. The equipment used to construct the project is typical of this type of installation, and noise will be limited to the hours authorized for construction.

Historic Sites

The Solar Project and the Storage Project will not have an undue adverse impact on historic sites given their design and location. The projects will have limited visibility from Bristol's historic structures, and known archeological sites on the parcel (VT-AD-1363 and VT-AD-1364) are outside the proposed project areas. GPS is continuing to consult with the Vermont Division of Historic Preservation to address any concerns about the impacts on historic sites that may result from the Solar Project and the Storage Project.

Decommissioning

Once the Solar Project and Storage Project permanently cease operation, they will be decommissioned, and the site will be restored to the same condition that it is in today to the greatest extent practicable. Under PUC Rule 5.900, GPS will be required submit a decommissioning cost estimate with its CPG petitions and provide financial security to ensure that funds will be available in the future to complete the decommissioning and restoration work as required. For your information, a copy of Rule 5.900 is available from the PUC's website: <https://puc.vermont.gov/about-us/statutes-and-rules/current-rules-and-general-orders>.

Comments and PUC Participation

We welcome your input before we file the petitions for the Solar Project and the Storage Project with the PUC. You may contact GPS directly at the email, telephone, and mailing address below, and the PUC by mail at: 122 State Street, Montpelier, VT 05620. The notice will also be available on the PUC's new electronic docketing system called "ePUC." For more information about using ePUC to provide your comments visit the PUC's website at <https://puc.vermont.gov/epuc-information> or contact the Clerk of the Commission at puc.clerk@vermont.gov. More information about the PUC § 248 review process can be found in its "Guide to the Vermont Public Utility Commission's Section 248 Process," available on the PUC website:

<https://puc.vermont.gov/document/citizen-guide-public-utility-commission>

If you wish to make a recommendation to the PUC about the Solar Project or the Storage Project, or both, you must do so at least seven (7) days before the petitions are filed with the PUC in accordance with § 248(f) (i.e., no later than February 22, 2021). In addition, you will be afforded an additional opportunity to provide revised recommendations pursuant to PUC Rule 5.402(A)(1)(b) if the petitions filed on March 1, 2021 contain new or more detailed information that we did not include in this letter or the supporting enclosures. We hope you will weigh in on our proposal before we file the petitions, and we welcome your participation in the PUC proceedings.

Who We Are

Green Peak Solar was founded by Chris Cadwell and Nathaniel Vandal in 2012 and is based in Waitsfield. As native Vermonters, we believe that well sited solar energy facilities can help generate local, renewable energy to help the state meet its climate change objectives, while at the same time preserving the important rural and aesthetic nature of Vermont.

Green Peak has successfully developed numerous solar photovoltaic projects in Vermont, under both the State's Standard Offer Program, which promotes renewable energy projects 2.2 MW and smaller, as well as through working directly with Vermont utilities like Green Mountain Power.

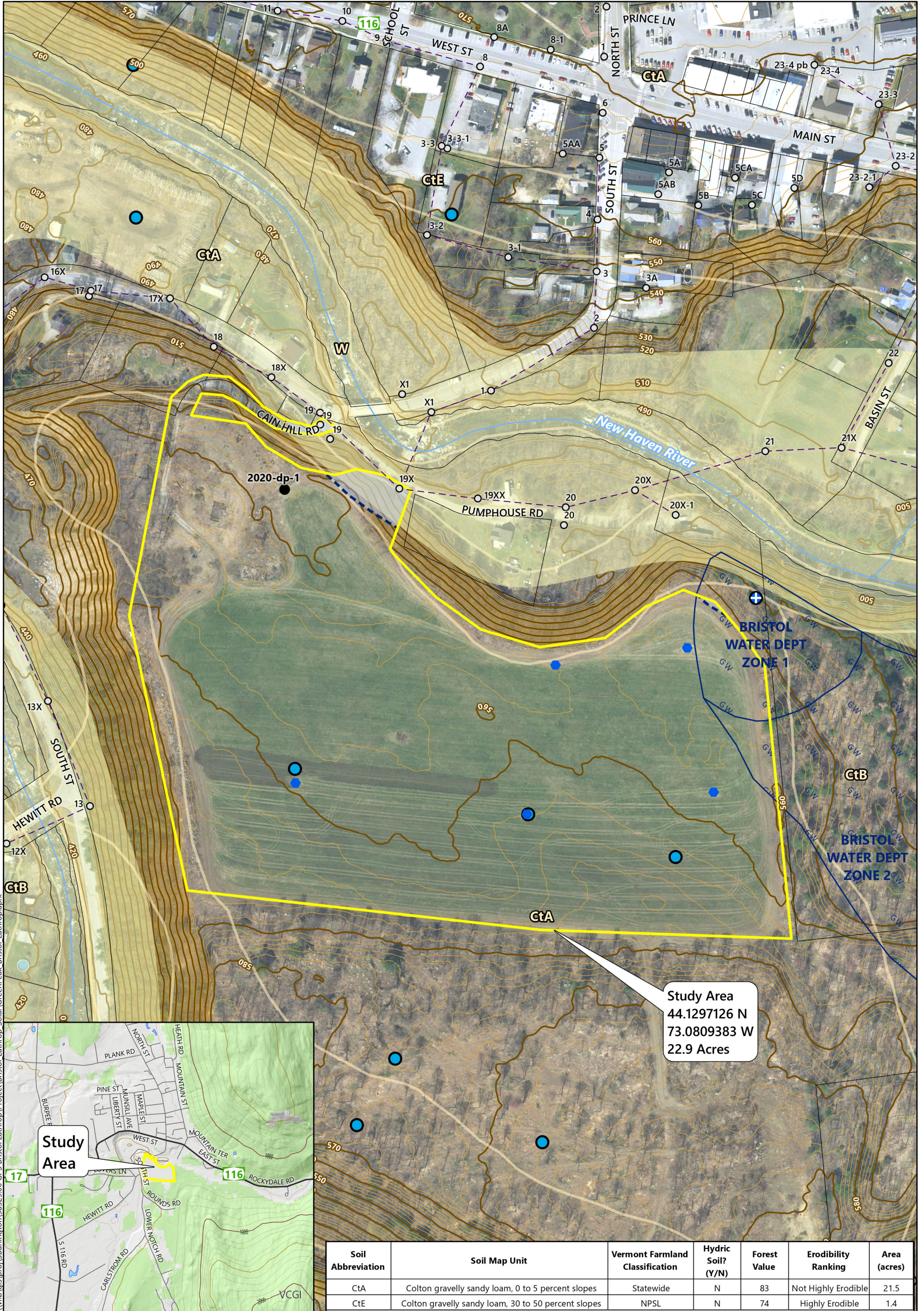
We are excited to work with you and other stakeholders to bring the Solar Project and the Storage Project to fruition in Bristol for the benefit of the local grid and our fellow Vermonters.

Please contact us by email at nvandal@greenpeaksolar.com, by telephone 206-601-8834, or by mail at 127 Bent Hill Road, Waitsfield, VT 05673.

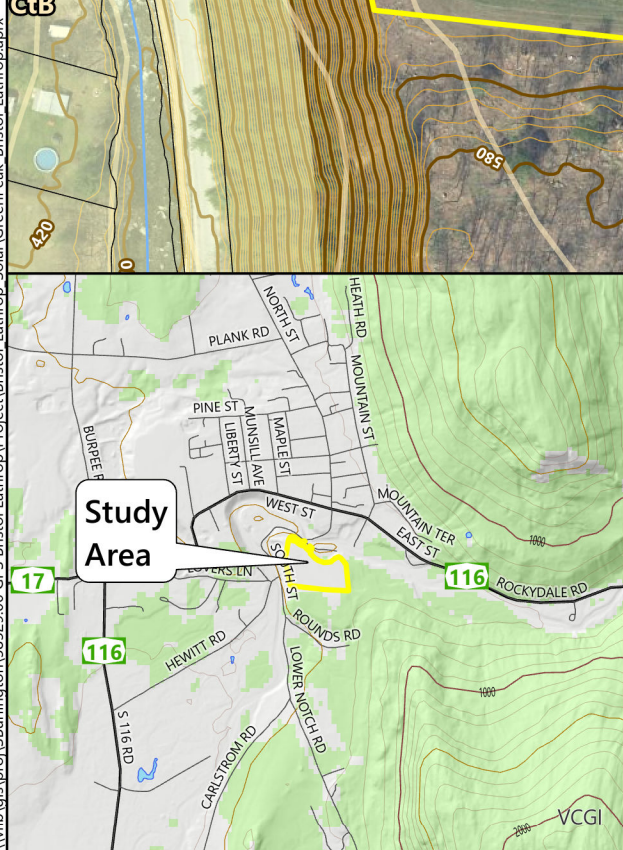
Best regards,

Nathaniel Vandal
Green Peak Solar

Enclosures: Preliminary Site Plan
 VHB Map of Natural Resources
 Preliminary Aesthetics Analysis Memo
 45-Day Notice Service List



Study Area
44.1297126 N
73.0809383 W
22.9 Acres



Soil Abbreviation	Soil Map Unit	Vermont Farmland Classification	Hydric Soil? (Y/N)	Forest Value	Erodibility Ranking	Area (acres)
CtA	Colton gravelly sandy loam, 0 to 5 percent slopes	Statewide	N	83	Not Highly Erodible	21.5
CtE	Colton gravelly sandy loam, 30 to 50 percent slopes	NPSL	N	74	Highly Erodible	1.4

- 0 100 200 400 Feet
- GMP Utility Pole (VCGI)
- Overhead GMP Line (VCGI)
- Study Area (VHB)
- Delineation Data Point (VHB)
- Observed Well (VHB)
- 100 Ft Riparian Buffer (from New Haven River TOB/TOS;VHB)
- Private Well (ANR)
- Public Water Source (ANR)
- Surface Water SPA (ANR)*
- Ground Water SPA (ANR)
- Deer Wintering Areas (ANR)*
- NHI Element Occurrence (ANR)*
- AE/VCE Confirmed Vernal Pools (ANR)*
- VSWI (ANR)

- ### Green Peak Solar - Bristol Lathrop
- VHD Stream (VCGI)
 - VHD Waterbody (VCGI)
 - FEMA 100 Year Flood Zone**
 - River Corridor (ANR)
 - NRCS Soil Survey Unit (VCGI)
 - Parcel Boundary (VCGI)
 - 10 Ft Contour (VCGI)
 - 2 Ft Contour (VCGI)

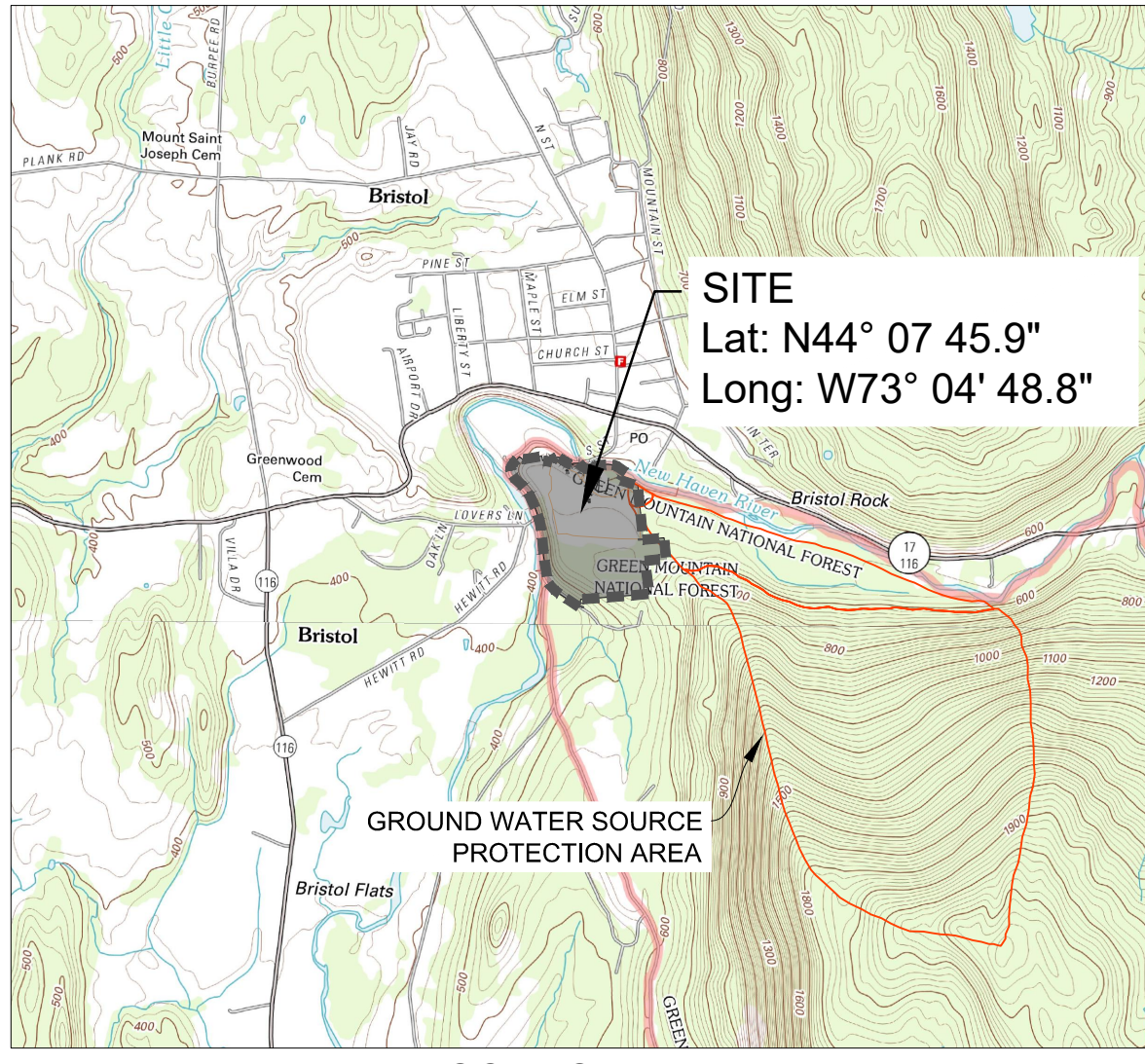
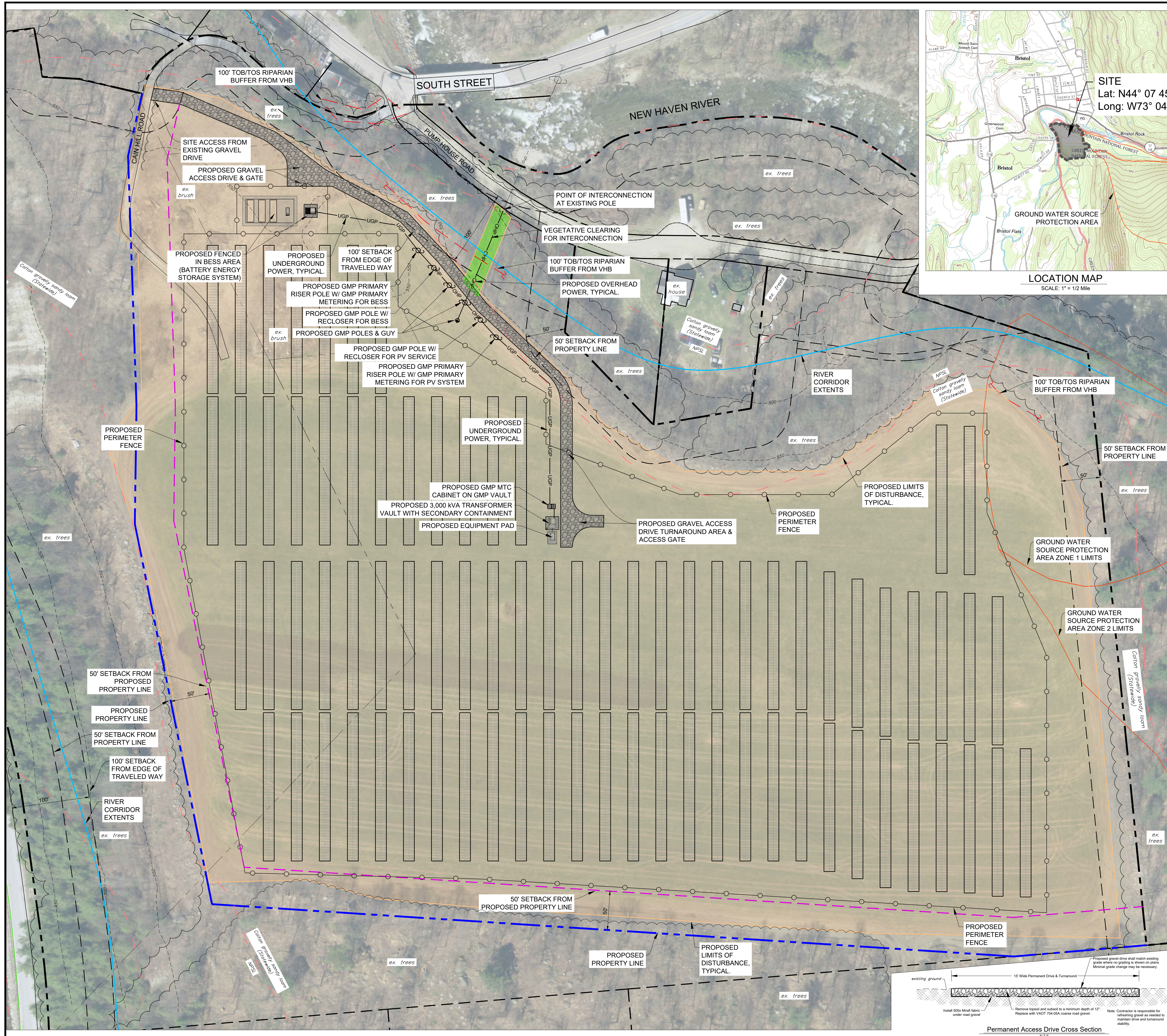
Bristol, Vermont

Natural Resources Map

Natural Resources survey conducted by VHB (L. Keszey, A. Cray, & R. Scott) on 10/9/20 - no wetland/resources or RTE plant species were identified on site.

Sources:
Background Image by VCGI (Collected in 2018)
ANR - Vermont Agency of Natural Resources Web Map Service
VCGI - Vermont Center for Geographic Information Web Map Service
VHB - 2020

*Feature not located within map extent.
**FEMA FIRM Panel 500165-0005B (8/19/1986) not yet digitized



- NOTES:**
- ASPECTS OF PLAN ARE APPROXIMATE AND DERIVED FROM AERIAL PHOTOGRAPHY.
 - THE HORIZONTAL COORDINATE SYSTEM IS BASED ON NAD83 VERMONT STATE PLANE 4400 (US SURVEY FEET). ELEVATIONS ARE BASED ON THE NAVD83 (US SURVEY FEET).
 - EXISTING GROUND CONTOUR ELEVATIONS ARE BASED ON LIDAR PROVIDED BY THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION.
 - UTILITIES ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL CONTACT DIG SAFE BEFORE BEGINNING ANY EXCAVATION.
 - THIS IS IN NO WAY A BOUNDARY SURVEY. PROPERTY LINES FOR PROPERTY ARE FROM A PLAN BY TRUDELL CONSULTING ENGINEERS TITLED "EXISTING CONDITIONS PLAN, LATHROP LIMITED PARTNERSHIP SAND & GRAVEL, SOUTH STREET, BRISTOL, VERMONT" DATED 08/13/07 AND LAST REVISED 02/20/08.
 - THIS IS A PRELIMINARY DESIGN PLAN. FINAL DESIGN WILL BE MODIFIED TO MATCH EQUIPMENT PURCHASED AND POSSIBLE PERMIT CONSTRAINTS REVEALED DURING PROJECT'S REVIEW.
 - PRIMARY AGRICULTURAL SOILS (PAS) ON THE PROJECT SITE SHALL BE PRESERVED IN A MANNER THAT ALLOWS FOR COMPLETE RESTORATION DURING PROJECT DECOMMISSIONING. CONTRACTOR SHALL EXCAVATE PAS SOIL IN ACCORDANCE WITH AAFM GUIDELINES. "ACT 250 PROCEDURE: RECLAMATION OF VERMONT AGRICULTURAL SOILS".
 - SOIL EXCAVATION FOR CONDUIT TRENCHING IN PAS WILL BE REMOVED AND THEN BACKFILLED IN THE SAME SOIL LAYERS. SOIL DISPLACED BY INSTALLATION OF CONDUIT IS NEGLIGIBLE.

- LEGEND**
- EXISTING POWER POLE / PROPOSED POLE
 - APPROXIMATE PROPERTY LINES
 - EXISTING PROPERTY LINE
 - PROPOSED PROJECT PARCEL PROPERTY LINE
 - EXISTING TREE LINE
 - PRIMARY AGRICULTURAL SOIL BOUNDARY
 - GROUNDWATER SOURCE PROTECTION AREA
 - RIVER CORRIDOR EXTENTS
 - 100' TOB/TOS RIPARIAN BUFFER
 - EXISTING OVERHEAD POWER
 - EXISTING GRADE CONTOUR LINES (10 FOOT INTERVALS)
 - EXISTING GRADE CONTOUR LINES (2 FOOT INTERVALS)
 - SOLAR SETBACKS
 - SOLAR SETBACKS FOR PROPOSED PROPERTY LINE
 - PROPOSED UNDERGROUND POWER LINES
 - PROPOSED OVERHEAD POWER LINES
 - PROPOSED PERIMETER FENCING
 - PROPOSED 15' GRAVEL ACCESS DRIVE
 - PROPOSED SINGLE AXIS SOLAR TRACKER
 - PROPOSED VEGETATIVE CLEARING
 - LIMITS OF DISTURBANCE SUBJECT TO CONSTRUCTION STORMWATER PERMIT

PROJECT AREA CALCULATIONS

- PROPOSED VEGETATIVE CLEARING = ±0.06 ACRES
- PROPOSED DISTURBED SOIL SUBJECT TO CONSTRUCTION STORMWATER PERMIT = 21 ACRES
- TOTAL PROJECT IMPERVIOUS POST CONSTRUCTION = ±0.80 ACRES
- EXISTING IMPERVIOUS AREA = ±0.50 ACRES
- PROPOSED IMPERVIOUS AREA = ±0.40 ACRES
- PROPOSED PROJECT LIMITS = ±16 ACRES
- PRIME AG SOILS WITHIN LIMITS OF DISTURBANCE = ±21 ACRES

BRISTOL SOLAR

South Street
Bristol, Vermont

127 Bent Hill Road
Watshlet, VT 05673

164 Main Street, Suite 201
Colchester, Vermont 05446

P: (802) 878-0375
www.krebsandlansing.com

**ISSUED FOR PERMIT REVIEW
NOT FOR CONSTRUCTION**

SOURCE DATA LEGEND

MAPPING SOURCE DATA USED FOR PLAN COMPIATION

Civil Engineering:
Krebs and Lansing Consulting Engineers, Inc.
164 Main Street, Suite 201
Colchester, Vermont 05446

STANDARD GRAPHIC SCALE (1" = 60')

VALID WHEN PLOTTED ON 24" BY 36" MEDIA

REDUCED GRAPHIC SCALE (1" = 130.9')

VALID WHEN PLOTTED ON 11" BY 17" MEDIA

Proposed Solar Array

REV. NO.	REVISIONS/COMMENTS	DATE

Drawing Title:
45-DAY SITE PLAN

DATE of Issue: 01/08/21
Drawn by: SDG Checked by: GD
Project No.: 20337 Scale: 1" = 60'
Drawing No.: Rev No.:

C-100

45-Day Advance Notice Service List
for
Bristol Solar Project and Bristol Storage Project

Town of Bristol Select Board
1 South St.
PO Box 249
Bristol, VT 05443
townadmin@bristolvt.org

Town of Bristol Planning Commission
1 South St.
PO Box 249
Bristol, VT 05443
zoning@bristolvt.org

Addison County Regional Planning
Commission
14 Seminary Street
Middlebury, VT 05753
alougee@acrpc.org

Vermont Public Service Department
112 State Street
Montpelier, VT 05620-2601

Vermont Agency of Natural Resources
1 National Life Dr.
Montpelier, VT 05620

Vermont Division of Historic
Preservation
One National Life Drive
Deane C. Davis Building, 6th Floor
Montpelier, VT 05620-0501

Vermont Agency of Agriculture, Food
& Markets
116 State Street
Montpelier, Vt 05620-2901

Vermont Attorney General
109 State St
Montpelier, VT 05609

Vermont Department of Health
108 Cherry Street
Burlington, VT 05402

Vermont Agency of Transportation
219 North Main Street
Barre, VT 05641

Green Mountain Power
2154 Post Rd.
Rutland, VT 05701

Nico Amador
2 Cain Hill Rd.
Bristol VT 05443

Kyle James
PO Box 113
Bristol, VT 05443

Farnsworth Reserved Life Estate
100 Kewitt Rd.
Bristol, VT 05443

Barry and Joan Vaccarelli
68 Hewitt Rd.
Bristol, VT 05443

Ora and Susan Booska
50 Pump House Rd.
Bristol, VT 05443

A Johnson Company
995 South 116 Rd.
Bristol, VT 05443

Dustin Hume and Christen Campbell
115 Champlin Hill Rd.
North Ferrisburgh, VT 05473

Joseph and Catherine Foley
50 Hewitt Rd.
Bristol, VT 05443

Andre and Kimberly Rheaume
304 Main St.
New Haven, VT 05472

Gregory Moye
57 Lower Notch Rd.
Bristol, VT 05443

Quicken Loans, Inc.
1050 Woodward Avenue
Detroit, MI 48226