



**CITY OF MONTPELIER
MONTPELIER, VERMONT**

Agenda for City Council Meeting

City Council Chambers, City Hall

Wednesday, November 19, 2014

6:30 P.M.

- 1) Call to Order by the Mayor
- 2) 14-270. Review and Approve Agenda
- 3) 14-271. General Business and Appearances
- 4) 14-272. Consideration of the Consent Agenda:
 - a) Approve minutes from the November 12th City Council Meeting. 
 - b) Authorize the City Clerk to use up to \$60,000 of the Records Restoration fund balance for a project to consist of the following:
 - 1) Digitize index cards for pre-1993 land records (currently there is no off-site backup at all to this index).
 - 2) Make scanned cards available online through the Clerk's Office's current land records database vendor.
 - 3) Digitize vital records, and transfer index into current online database system.
 - 4) Transfer physical vital records to downstairs vault to allow for more space for land records for an estimated additional 20+ years (currently, land records will exceed the vault's capacity within an estimated 5-10 years).
 - 5) Digitize maps/plats, transfer into current records database.
 - 6) Provide for a paid internship to assist in guiding the project (January-April).

- 7) Allow for locking mechanism repair/enhancements for the downstairs vault, as necessary.

c) Payroll and Bills

5) 14-273. Appointment to Design Review Committee

- a) Jamie Duggan recently resigned; his 3-year term will expire in October, 2015.
- b) Staff advertised and received one response from Theodore Blair Fetter who recently moved to Montpelier (Court Street). He is not able to attend the meeting, but his resume is attached for Council review.

c) Recommendation: Discussion; appointment.

6) 14-274. Update from Kellogg-Hubbard Library representatives

- a) Library Director Tom McKone requested this opportunity to touch base with Council on library activities, their thoughts on budget requests for FY '16, and to introduce their new head librarian.

7) 14-275. Further consideration of the Solar RFP

- a) This item was included on the Council's November 12th agenda as part of an update from the Montpelier Energy Advisory Committee.
- b) Council opted to table the Solar RFP item until they could review a copy of the actual proposal from groSolar, as well as a copy of the bid tabulation.
- c) The Department of Public Works, Fire Department and Parks have been consulted about use of the area and may have comments to offer.
- d) Recommendation: Opportunity for discussion; direction to Committee.

8) 14-276. Second Public Hearing to consider an amendment to the City's Code of Ordinances, Chapter 10, Motor Vehicles and Traffic, Article VII, Parking and Parking Meter Zones, Sec. 10-713, NIGHT PARKING DURING WINTER

- a) The City's Parking Committee would like to move forward with a recommendation to adjust the Winter Parking Ban; Council conducted the First Public Hearing at their meeting on November 12th.
 - b) Recommendation: Conduct the Second Public Hearing; approve the proposed language, with or without further amendments.

- 9) 14-277. Follow-up presentation from Ann Gilbert, Director of Central Vermont New Directions Coalition; she would like to provide information and resources in helping the City to move forward on smoke-free parks and smoke free downtown areas in Montpelier

- 10) 14-278. Discussion regarding a City Investment Policy and consideration of appointing an Investment Committee to oversee future investments 

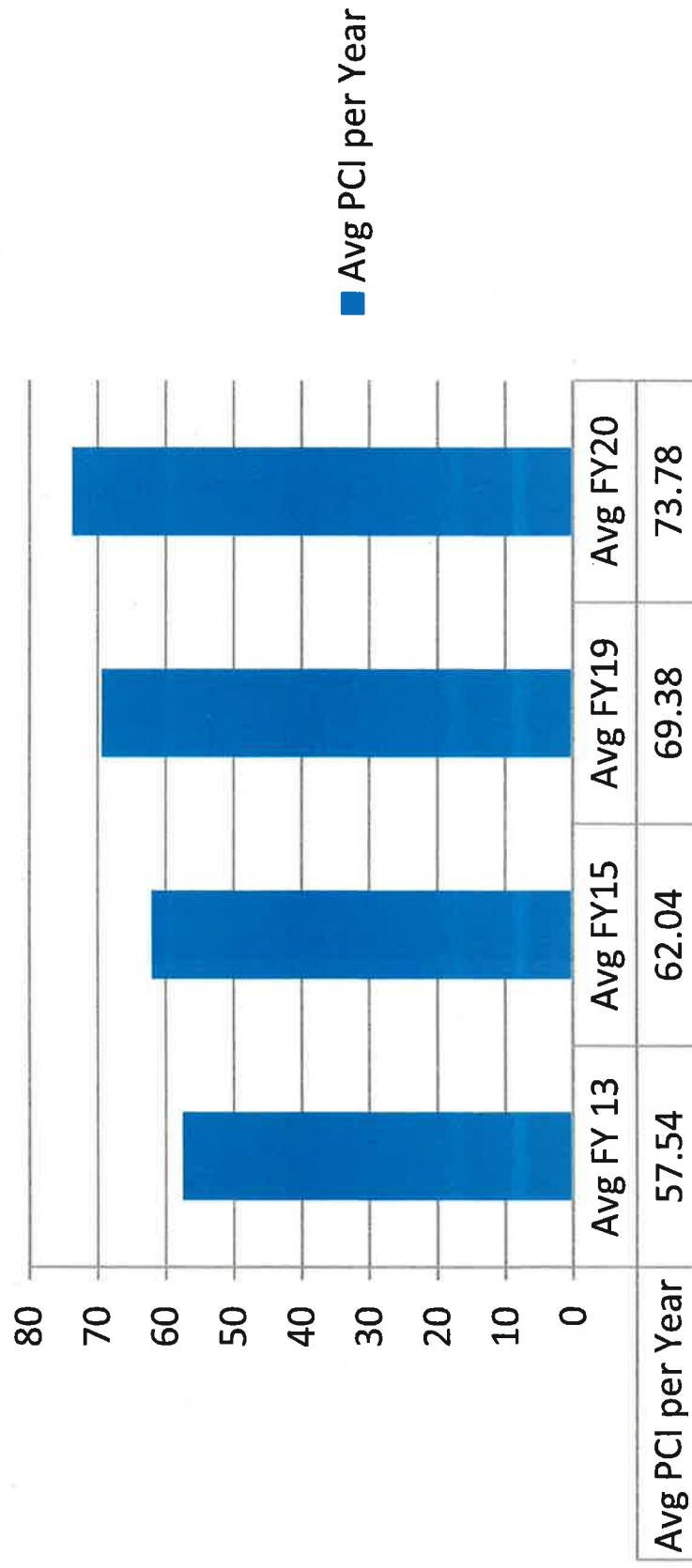
- a) At times, the City receives donations, gifts, or bequests. The City's current Investment Policy is silent on such investments.
 - b) The Montpelier Senior Activity Center anticipates receiving a significant bequest from the estate of Christina M. Jackman in the upcoming month. Christina and her husband Robert worked in the Montpelier Public Schools, and Bob also served as a Program Director of the Senior Center for many years.
 - c) The Finance Director and Assistant City Manager, along with legal counsel, have drafted the attached updated Investment Policy for your consideration.
 - d) Staff will be present to discuss this policy, as well as the possibility of appointing an Investment Committee to oversee the investment of such funds.
 - e) Recommendation: Receive information; discuss the policy update; consider asking City staff to advertise for individuals interested in serving on a future Investment Committee.

- 11) 14-279. Operations overviews and updates from the following departments: Senior Center, Cemetery, Parks and Public Works
 - a) As outlined in the City of Montpelier's FY '16 Budget Schedule (July 1, 2015 – June 30, 2016), Reports from City Departments are scheduled to be heard this evening.

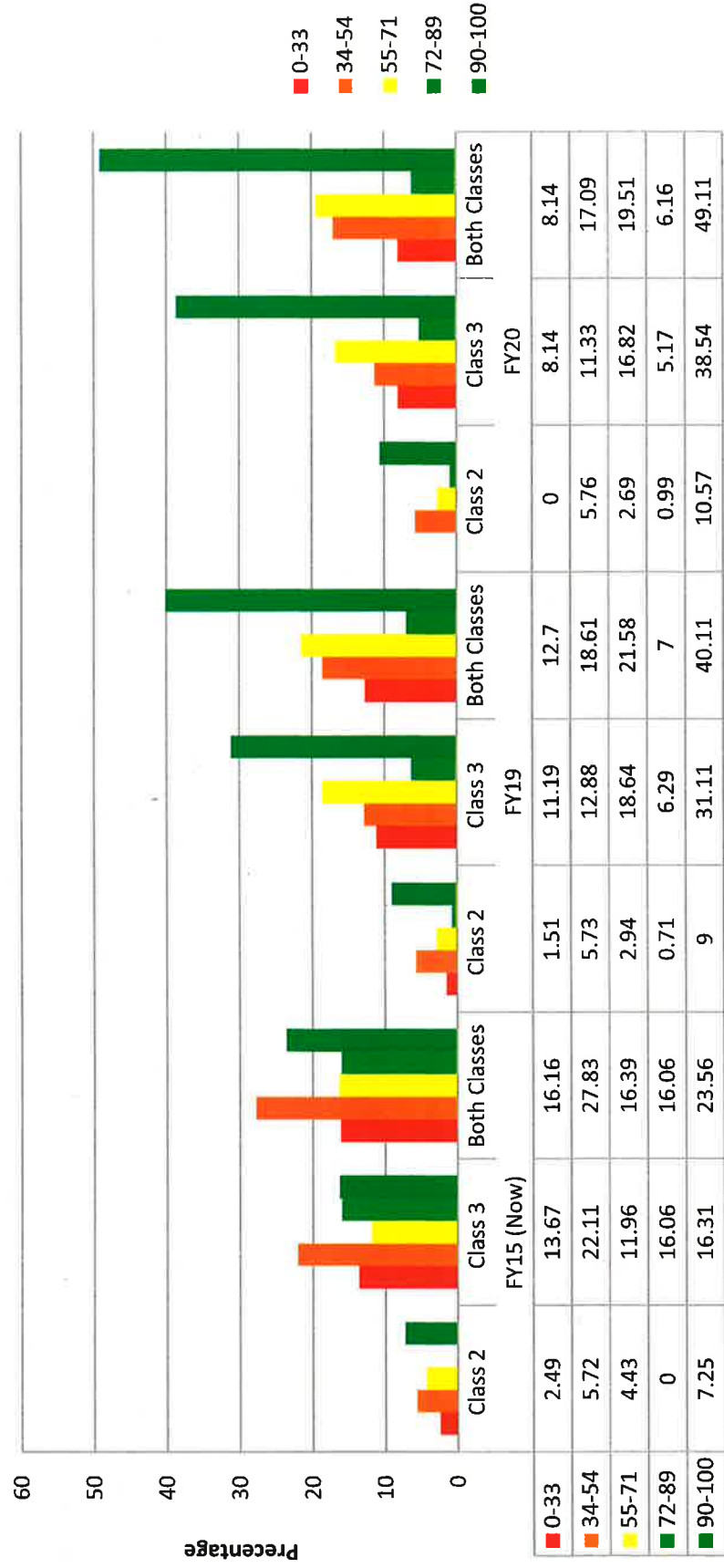
- b) Recommendation: Receive updates; discussion; possible direction to staff.
- 12) 14-280. Update from the Capital Improvements Committee regarding Class 2 Highways and Road Metrics 
- 13) 14-281. Berlin Pond – Survey and Access
 - a) City Councilor Guerlain asked that this item be placed on the agenda.
 - b) The issue is whether the City should contribute funds for a survey of the area being considered for pond access by the Town of Berlin and Vermont Fish & Wildlife Department.
 - c) Total cost is estimated at \$10,000; Fish & Wildlife is contributing \$5,000.
 - d) Recommendation: Discussion; possible direction to staff.
- 14) 14-282. Other Business
- 15) 14-283. Reports by City Council
- 16) 14-284. Mayor's Report
- 17) 14-285. Report by the City Clerk
- 18) 14-286. Report by the City Manager

Adjournment

Avg PCI per Year



FY15, FY19, FY20



Minutes of the Montpelier City Council Meeting
November 12, 2014
City Council Chambers

In attendance: Mayor John Hollar, Councilors Tom Golonka, Thierry Guerlain, Justin Turcotte, Dona Bate, Anne Watson, and Jessica Edgerly Walsh. City Manager William Fraser was in attendance. City Clerk John Odum served as Secretary of the meeting.

The Mayor called the meeting to order at 6:30 PM.

- 14-256. Councilor Watson moved the Council approve the agenda. Councilor Bate seconded. Motion passed unanimously at 6:31 PM.
- 14-258. Councilor Watson moved approval of the Consent Agenda without item c (tabled at Councilor Turcotte's request). Councilor Bate seconded. Motion carried unanimously at 6:32.
- 14-259. Eve Jacobs Carnahan, Chris Andresen, and John Snell gave an update from the Pedestrian Advisory Committee, including feedback on "walk friendly community" criteria and status, and the coming "Montpelier in Motion" master plan. Councilor Edgerly Walsh indicated her willingness to serve as council liaison to the committee. The council asked for more information for the next meeting and took no action.
- 14-260. (Planning & Development Director) Michael Miller, Tim Shea, Becky Wigg, and Jeff Fitzgerald delivered an update from the Montpelier Energy Advisory Committee. Councilors had several questions, particularly about the siting for the solar project. Rod Viens of GroSolar joined the conversation. Public Works Director Tom McArdle added background.
- 14-261. The Council received a presentation from Cassandra Hemenway, Zero Waste Outreach Coordinator for the Central Vermont Solid Waste Management District, regarding the new Universal Recycling Law. Discussion followed. The council took no action.
- 14-262. Police Chief Tony Facos and Kevin Casey of the Planning & Development office came forward to discuss a proposed amendment to the City's Code of Ordinances, Chapter 10, Motor Vehicles and Traffic, Article VII, Parking and Parking Meter Zones, Sec. 10-713, NIGHT PARKING DURING WINTER. They were accompanied by Nolan Langwell of the Parking Committee. City Manager Fraser provided background. Mr. McArdle and Fire Chief Bob Gowans offered input.

The mayor opened the public hearing at 8:20. There were no comments from the public. Councilor Edgerly Walsh moved the Council close the public hearing and approve a second public hearing for the November 19 Council meeting. Councilor Watson seconded the motion, which passed unanimously at 8:21.

The Mayor called for a brief recess. The Council reconvened at 8:29 PM.

14-263. Councilor Bate introduced the discussion of a possible Transportation Committee as a medium to facilitate cooperation between related committees (Bike, Pedestrian, Parking, and others). Councilors discussed a range of ways for the differing committees to coordinate. No formal action was taken.

14-264. The Council received FY '16 Budget Presentations and Departmental Updates from the Planning Department, the Police Department, and the Fire Department, presented by Public Works Director Miller, Police Chief Facos, and Fire Chief Gowans respectively. Each Department head answered questions from the Councilors. No action was taken.

14-258(c). The Council took consent agenda item c off the table for discussion (a proposed amended Public Safety Authority (PSA) Memorandum of Understanding). After a brief discussion, Councilor Turcotte moved approval of the item. Councilor Guerlain seconded. Motion passed unanimously at 9:46.

14-266. Councilor Bate reported on the PSA and praised the work of the city employees in their departmental presentations. Councilor Guerlain announced the Library's hiring of Joy Worland.

Councilor Turcotte thanked veterans for their service and complimented the paving on Barre Street. He also noted the Senior Center's coming holiday bazaar. Finally, he noted Onion River Exchange's upcoming fundraiser.

Councilor Watson reported on the Greening America's Capitals presentation and wondered if the proposals were available online and what the next steps were (Assistant Manager Jessie Baker came forward to respond to the questions).

Councilor Edgerly Walsh reported on the Capital Improvement Projects Committee meeting.

14-267. Mayor Hollar thanked city staff on the Greening America's Capitals project, and noted the coming meeting on the 20th regarding downtown design.

14-268. The City Clerk reminded listeners of the coming tax payment deadline (November 17) and commented about the clerk departmental budget.

14-269. City Manager Fraser also noted the downtown design meeting and recognized Public Works leadership in their new positions. He also indicated that holiday decorations were going up soon. Finally, he noted next week's meeting date.

Councilor Bate announced the upcoming Lost Nation Theater concert.

Councilor Guerlain moved for adjournment and Councilor Bate second. Motion passed unanimously at 9:56 PM.



*Office of the City Manager
City Hall - 39 Main Street, Montpelier, VT 05602
Telephone: (802) 223-9502
Fax: (802) 223-9519
E-Mail: wfraser@montpelier-vt.org*

October 27, 2014

The Times-Argus
Att: Mandy

Please insert the following with City of Montpelier notices on: Thursday, October 30th; and Monday, November 3rd. Thank you!

CITY OF MONTPELIER
Design Review Committee Vacancy

The Montpelier City Council is seeking citizens interested in filling an unexpired seat on the City's Design Review Committee; this is a 3-year term which will expire in October, 2015. Letters of interest and/or resumes should be submitted to the Office of the City Manager, City Hall – 39 Main Street, Montpelier (or by e-mailing spitonyak@montpelier-vt.org) on or by Thursday, November 6th. City Council will make this appointment at their November 12th meeting; applicants will be notified and encouraged to attend. All municipal meetings are accessible to people with disabilities and are held in accordance with the public meeting and public records laws. Further information may also be obtained by contacting the Planning and Development Department at 223-9506.

William J. Fraser
City Manager

Sandy Pitonyak

From: Theodore Blair Fetter [tbfetter@gmail.com]
Sent: Monday, November 10, 2014 11:45 AM
To: Sandy Pitonyak
Subject: Design Review Committee
Attachments: Theodore Blair Fetter - Resumé.pdf

Hello - I recently moved to Montpelier and just saw the posting today about the opening on the Design Review Committee. I recognize it's several days past the reply deadline, but if you're still looking for another person to consider my resume is attached. I'd like to get involved in volunteer public service - I love this city already and want to help preserve it's charming characteristics!

Thank you,

Theo

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Theodore Blair Fetter
tbfetter@gmail.com
802.778.0924

Sandy Pitonyak

From: Theodore Blair Fetter [tbfetter@gmail.com]
Sent: Monday, November 10, 2014 1:45 PM
To: Sandy Pitonyak
Subject: Re: Design Review Committee

Thank you Sandy!

I cannot however make the 11/19 meeting - I have a Vermont Youth Ultimate League (as in Ultimate frisbee) board meeting that night in Burlington. The next Wednesdays I have available are 12/3 and 12/10.

I'm good friends with Anne Watson (as she also served on the VYUL board last year), so she may be able to help serve as a reference or answer any basic questions about me the council may have.

My address is 27 Court Street - I purchased the house from Ward Joyce this past April.

Thank you,

Theo

THEODORE BLAIR FETTER

802.778.0924 | tbfetter@gmail.com | PO Box 254, Tunbridge, VT, 05077

RECENT WORK EXPERIENCE

Necrason Group, Seasonal Associate

January 2014 – May 2014

Principal, Adam Necrason, adam@necrasongroup.com

Client focus: Renewable Energy Vermont (REV), Efficiency Vermont

EDUCATION

Vermont Law School, South Royalton, VT

August 2009 - May 2013

Juris Doctor (JD) 2013, Master of Environmental Law & Policy (MELP) 2012, Energy Law Certificate 2012

Courses of note:

Energy I & II, Administrative, Environmental, Renewable Energy, Oil & Gas, Corporations & Business Organizations, Business & Accounting Fundamentals, ABC's of Energy, Advanced Energy Writing Seminar

Internships:

Sirotkin & Necrason, *Legislative intern*

January – May 2013

Partner, Adam Necrason, adam@necrasongroup.com

Vermont Public Service Department, *Legislative intern*

January – May 2012

Director, Public Advocacy Division, John Beling, john.beling@state.vt.us

Vermont Agency of Agriculture, *Agricultural Energy intern*

September – December 2011

Secretary Chuck Ross, chuck.ross@state.vt.us

Vermont Public Interest Research Group (VPIRG), *Energy Law & Policy intern*

June – August 2011

Clean Energy Program Director, James Moore, jmoore@vpirg.org

Southeast Louisiana Legal Services, *intern for bankruptcy & title-clearing*

May 2010

Attorney Jay Welch, jwelch@slls.org

Fellowship:

Albert Schweitzer Fellowship, *community-based energy efficiency*

2011 – 2012

Program Director, Becky Torrey, rebecca.b.torrey@dartmouth.edu

Groups:

Vermont Law Energy Collaborative (VEC), Chair; Dartmouth Energy Collaborative (DEC), Co-President; Vermont Law School Democrats (VLS Dems), Founder & President; Food & Agricultural Law Society (FALS), founding member; Environmental Law Society (ELS); Campus Greening Committee (CGC); Specific Performance (music director)

Guilford College, Greensboro, NC

2000 – 2005

B.A. Political Science, minor in Music

PREVIOUS WORK EXPERIENCE

Obama for America & Campaign for Change

March 2007 – November 2008

Regional Field Organizer, GOTV Organizer, Field Organizer, Volunteer

Annick Febrey, 301-467-1427, annick.febrey@gmail.com / Mario Bonifacio, 609-977-1593, mariobonifacio@gmail.com

Project Manager, Sharchitecture Inc., Chicago IL

May 2007 – February 2008

Led crews in commercial and residential green-construction projects

Jacob Shapiro, 773-909-1150, jacob.shapiro@gmail.com

Volunteer Coordinator, Common Ground Relief Cooperative, New Orleans, LA

February 2006 – May 2006

post Hurricane Katrina: supported the legal effort to protect displaced residents' rights, led volunteer work crews in house-gutting and cleanup, and coordinated various projects, events, and organizational development.

THEODORE BLAIR FETTER

802.778.0924 | tbfetter@gmail.com | PO Box 254, Tunbridge, VT, 05077

AFFILIATIONS

Law & Environment

VT Bar Association (VBA)
Energy Bar Association
Chair, Tunbridge Energy Committee
350 Vermont

Politics

Chair, Tunbridge Democratic Committee
Young Democrats of VT (YDV)
VT Democratic Party (VDP)
MoveToAmend.org

Ultimate

VT State Youth Coordinator, USA Ultimate
Board, VT Youth Ultimate League
Coach 2014, VT Youth all-star team
Coach 2012-2013, The Sharon Academy

ADDITIONAL SKILLS

Digital:

full suites of Microsoft, Google, and Apple programs/products; graphics & document editing; online communications & social media

Professional:

event production; public speaking; project management; client relations; business development; fundraising; emergency response

Other:

construction (carpentry & energy efficiency); landscaping & gardening; music (composition, performance, instruction – piano/keys and vocals); basic Spanish and French

CITY OF MONTPELIER

Investment Policy

Adopted on January 9, 1991 and Amended on June 11, 1997

DRAFT Amended Policy 2014

It is hereby declared that all funds in the custody of the City of Montpelier, and any of its agencies, departments and officers, shall be invested by the City Council and the City Treasurer in accordance with the following standards:

(1) All public funds and public fiduciary funds (defined herein) shall be invested to achieve liquidity, security, and return. Of the foregoing, it is the declared intention of the City Council to provide for security of investment, both principal and interest as a priority. *This policy does not apply to bond fund investments made in accordance with applicable bond debenture requirements,*

(2) *Investment of City funds shall be made with judgment and care, under circumstances then prevailing, which persons of prudence, discretion, and intelligence, exercise in the management of their own affairs, not for speculation, but for investment considering the probable safety of their capital as well as the probable income derived.*

(3) Without the specific approval of the City Council, no public funds shall be invested in such a manner so as to cause any debt obligations of the City to be characterized as “arbitrage bonds” or “private activity bonds” within the meaning of the Internal Revenue Code of 1986, or the Regulations promulgated thereunder.

(4) The term “public funds” as used herein shall include the following:

- (a) Property tax receipts.
- (b) Fees, fines, rents, and charges paid to the City or any department or agency thereof.
- (c) State and federal grants-in-aid, state aid, and revenue sharing.
- (d) Payments in lieu of taxes.
- (e) The proceeds derived from the sale or lease of City property
- (f) Insurance proceeds payable to the City as a result of any loss or casualty, and any judgments recovered by the City in an action at law.
- (g) *The proceeds of tax and revenue anticipation borrowing to meet the City's cash flow needs.*

(5) To the extent required by applicable state and federal law and regulations, public funds shall be invested in segregated account.

(6) “Public funds” shall be invested in accordance with the following schedule of priorities;

- (a) Deposits insured by an agency of the federal government; provided, however, that up to \$500,000 of uninsured public funds may be invested or deposited in any

one state of federal banking institution which maintains offices in the City of Montpelier.

(b) Obligations of the United States, such as Treasury Notes.

(c) General obligations of the State of Vermont.

(d) General obligations of the several states

(e) Securities fully insured by an agency of the United States, or fully collateralized by securities of the United States.

(f) Periodically, and at least every *five* years, the City Treasurer shall cause to be made a survey of all banking institutions maintaining offices in Washington County and whose service area includes the City of Montpelier. Each banking institution so surveyed will be required to submit a proposal to serve as the City's lead bank and as one of the City's depository banks. The City Treasurer, in concert with the City Council, shall designate annually a lead bank and one or more depository bank, and shall establish the banking service to be secured from each.

(g) The term "public funds" shall not include cash or credits held for the City's benefit as performance or completion.

(7) *The term "public fiduciary funds" as used herein are non-recurring in nature and shall include the following:*

(a) Donations, gifts, bequests.

(b) Funds held in trust

(8) *"Pubic fiduciary funds" shall be invested in accordance with the same schedule of priorities as "public funds" (6) above, with the following additions:*

(a) Preferred equity securities of U.S. companies may be purchased a mutual funds or unit trusts.

(b) Common equity securities of U.S. and foreign companies may be purchased as mutual funds or unit trusts.

(c) Fixed income securities issued by non-U.S. Governments and non- U.S. governmental agencies.

(9) *To the extent required by applicable state and federal law and regulations, public fiduciary funds shall be invested in segregated account.*

(10) For investments that the City controls directly, no investments will be made in tobacco stocks. For investments in which the City has a advisory role or has a seat on an investment board or committee, or where the City is constrained in its action by statute or existing contract, the City and/or its representatives shall make their best efforts to avoid investment of City fund in tobacco stocks, consistent with their fiduciary responsibilities.



City of Montpelier, Vermont

"The Smallest Capital City in the United States"

DATE: November 14, 2014

TO: William Fraser, City Manager
City Council Members

FROM: Sandra J. Gallup, Finance Director
Jessie Baker, Assistant City Manager

SUBJECT: **City of Montpelier Investment Policy Update and Convene an Investment Committee**

We are requesting that the City Council consider updating our investment policy and establishing an investment committee (council appointed) to advise the treasurer in making investment choices.

The need to update our investment policy was brought to light when the Senior Center was notified that they will be receiving a large gift in the near future. We could not find any investment guidance for these funds within our current investment policy. We met with Tom Golonka, city councilor, and Janna Clar, senior center director to discuss the process of investing these funds. In our meeting we agreed to recommend updating our investment policy and convening an Investment Committee.

The City's investment policy was adopted in 1991 and has not been updated since that time. It does not distinguish between the investment of "Public Funds" (property tax receipts, fees, fines, grants, state aid) and "Public Fiduciary Funds" (donations, gifts, funds held in trust, permanent funds). It also does not contain the Uniform Prudent Investor Act which is the new standard of care for portfolio strategy; risk and return objectives. After working with the city attorney, Paul Giuliani, we revised the investment policy (see attached draft for your review-changes are in italics).

In addition to the investment policy improvements, we are requesting that the City Council consider appointing a five member Investment Committee that would be charged with:

- Reviewing the current City funds where investment is happening or could be happening
- Make a recommendation about combining/jointly managing these funds
- If applicable, issue an RFP for investment services
- Recommend a long-term investment plan and relevant rules, if necessary (such as how funds donated to a specific department will be handled)

Please discuss these recommendations and give us direction on how best to move ahead with improving our City's investment policy and procedures. If the Council is interested in moving forward with an Investment Committee, the City will advertise for members for consideration at a future meeting.

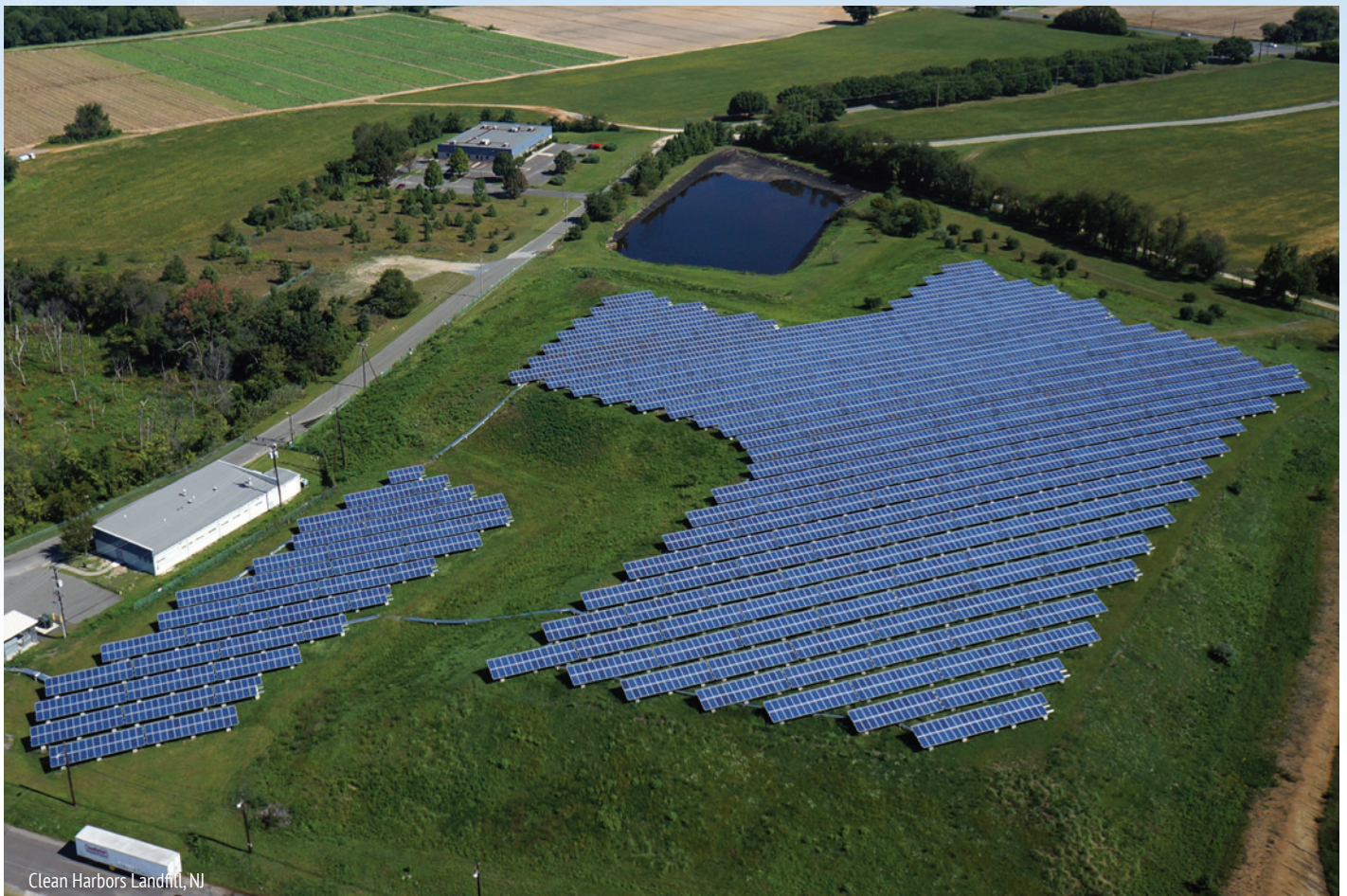


Response to RFP

City of Montpelier, Vermont

Request for Proposals (RFP) Group-Net-Metering Photovoltaic Electricity Generation

August 29, 2014



Clean Harbors Landfill, NJ



Cross Pollination, VT



Vermont Air National Guard (VTANG), VT



Limerick Road Solar, VT

800.374.4494 • www.grosolar.com • info@grosolar.com

205 Billings Farm Road • White River Junction, VT 05001
9175 Guilford Road • Columbia, MD 21046



August 29, 2014

Mike Miller, Director of Planning and Community Development
City of Montpelier
39 Main St.
Montpelier, VT -5602-2950

Dear Mr. Miller,

groSolar is pleased to submit the enclosed response for the City of Montpelier's Request for Proposals for Group-Net-Metered Photovoltaic Energy Generation. We are confident that we are ideally situated and that we are the best team to collaborate with the City of Montpelier in the development, construction, and operation of this solar project. **groSolar, who is headquartered in Vermont, has over 15 years of award winning solar development, engineering, and construction experience and has developed and constructed thousands of solar projects across the country.** Our team affords its clients:

- **A single source for all aspects of the project including development, financing, design, engineering, construction, and operation of the project**
- Industry leading electricity pricing achieved through low cost of capital, buying power, and standardized design
- **Local support of the project from our team's White River Junction and Rutland, VT offices and maximization of local content and labor for the project**
- Extensive large scale, public sector solar project experience

We have a long standing reputation for delivering award winning projects on time, on budget, and of the highest quality. Recent awards and recognitions include:

- *Photovoltaic Project of Distinction Award*- Keystone Solar; Solar Energy Industries Association & Solar Electric Power Association
- *Diamond Award Certificate*- Longwood Gardens; American Council of Engineering Companies
- *Honorable Mention, PV Project of Distinction*- Camden Solar Center; Solar Energy Industries Association & Solar Electric Power Association

Thank you for this opportunity. Please treat the entirety of this proposal as confidential. Do not hesitate to contact me directly with any questions. Our team looks forward to working with City of Montpelier in developing and constructing these exciting projects.

Sincerely,

Jamie Resor
Chief Executive Officer
(802) 359-6524

A. DEVELOPMENT APPROACH

GENERAL OVERVIEW OF DEVELOPMENT AND CONSTRUCTION

Our clients rely on groSolar as the single point of contact from project development to construction, and throughout operations and maintenance of the solar project. Our multidisciplinary staff provides a wide range of services, including contracting, preliminary design and engineering, permitting and approval application, project management, construction design and engineering, equipment procurement, construction, and ongoing operations and maintenance.

Based on our extensive experience developing and constructing solar projects in Vermont, we have found that it is a multi-month process to commission a typical commercial scale project. For the first several months of a project, the development phase, we focus on finalizing contracts, the interconnection to Green Mountain Power, and obtaining the necessary permits and approvals to construct the project. After the development phase, groSolar works efficiently to construct the project and place it into service. groSolar's experience and network of subcontractors makes it possible for groSolar to ensure the development and construction of commercial scale solar projects are completed in a timely manner.

As its preferred solar partner, groSolar's team will present the City of Montpelier with an implementation schedule outlining the current, near-term, and long-term activities which are required to develop one or more solar projects. An example of a preliminary project schedule, including development and construction phases, is provided below.

1-3 MONTHS

During the first three months of solar project development, groSolar's team will work with local experts and the interconnecting utility to undertake site and interconnection review and feasibility studies. Specific tasks included during this phase include:

- Identify necessary environmental and existing site conditions
- Prepare preliminary site layout
- Prepare electrical engineering and system design drawings
- Evaluate the customer's energy use
- Enter into necessary contracts
- Prepare and submit 45 Day Notice Letter pursuant to Section 219a Certificate of Public Good



3-9 MONTHS

Following the conclusion of the review and feasibility studies our team will submit a Petition for a Certificate of Public Good along with other necessary environmental permits. groSolar will tend to all matters associated with the Certificate of Public Good process, including preparation and filing of the formal petition and any supplemental filings and attendance at all scheduled Public Service Board hearings. Additionally, groSolar will begin the final engineering design, site development, and interconnection process. Tasks included in this time period:

- Prepare and submit utility Interconnection Application
- Prepare and submit Petition for Certificate of Public Good
- Prepare and submit necessary environmental permit applications
- Finalize engineering and design
- Prepare construction drawings
- Mobilize construction personnel

9-12 MONTHS

Following the issuance of a Certificate of Public Good and the execution of the Interconnection Services Agreement, groSolar begins the construction phase of the project. The City of Montpelier will have the opportunity to review and approve the final system designs prior to commencement of construction. Our commitment to quality and safety means that groSolar takes the utmost care to design and construct safe and high quality systems. We also take pride in supporting local and regional communities and contracting with local providers and subcontractors whenever possible. During the final nine to twelve months of a project, groSolar will:

- Procure equipment and materials
- Commence and complete project construction
- Perform detailed performance testing.
- Commence commercial operation of the system
- Train local employees and first responders in system operation and safety procedure

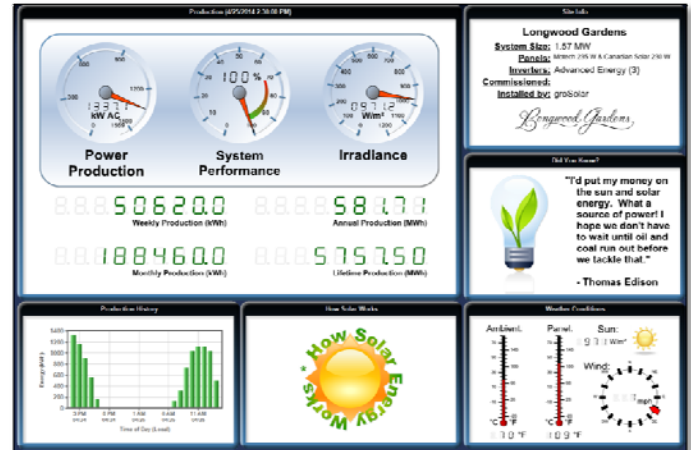
1-25 YEARS

For the duration of the Power Purchase Agreement, groSolar will continue to operate and maintain the system, ensuring continued safe operations, consistent achievement of performance goals, and delivery on the specific needs of the City of Montpelier.

MONITORING AND PUBLIC OUTREACH

DATA ACQUISITION AND DISPLAY SYSTEM INFORMATION

groSolar includes an advanced monitoring system to capture the project's current and historical performance as well as the current weather conditions at the site. Through a customized web based portal, clients and any stakeholders with the link to the portal can study the effects of weather on the system and how different temperatures, irradiance, and other factors affect the array's performance. Custom fields can be created to compare the output of the array's performance to the number of homes powered, trees saved, and number of cars taken off the road. groSolar can also install a high definition television that can be placed at your main offices to showcase the system's performance and environmental benefits.



MARKETING AND PUBLIC OUTREACH

groSolar can provide access to our Marketing Team as an added benefit of your solar investment to promote your project. In the past we have developed events, graphically designed materials, and public relations (PR) campaigns to support the branding of our clients as leaders in sustainability. We understand that each client has their own goals and internal marketing team, and as such we will act as a complimentary resource in helping to announce and promote your solar project.

DEDICATION CEREMONY

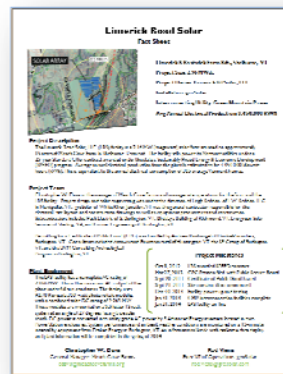
At the completion of a project, the best way for clients to celebrate is to hold a ribbon-cutting ceremony. Employees, project partners, local media, and community members can attend the event organized by our Marketing Team. This provides the opportunity for project partners to present accolades and speak to the design and purpose for installing the solar system. In addition, media and community members can have dedicated time to ask questions and the option to tour the facility.



groSolar Project Managers speaking to a group of community members and media at a dedication ceremony and project site tour.

PRESS COVERAGE

For many of our clients it is important to connect with their stakeholders and local community and share the efforts they are making to reduce their carbon footprint, move towards greater sustainability, and build sound financial investments. Our Marketing Team can lead a coordinated effort with all of the project partners to publically announce the completion of the solar project and its benefits to the project owner, local utility, surrounding community, and other involved stakeholders. PR efforts can include a joint national press release, posting on our website and social media outlets, directly contacting local media channels, and writing special interest articles to submit to niche industry publications.



PROJECT COLLATERAL

groSolar's Marketing Team captures the unique story of each of our projects, and would be pleased to share our created results with clients to distribute as your own resources. This can include project fact sheets, case studies, construction time lapse videos, and aerial photographs.

GROBRILLIANT SUNITIATIVE

The goal of groSolar's groBrilliant Sunitiative is to make the connection between the classroom and real life experiences by taking advantage of hands on opportunities available throughout the process of building a project and to document those experiences for use by local students. Students and teachers from grade schools through colleges can partake in STEM (Science, Technology, Engineering, and Math) based educational programs to learn about the process of developing, designing, constructing, and operating a solar photovoltaic project.

Activities can include:

- Evaluation of energy demands, electric bills, and how solar impacts the load profile
- Modeling lifetime system generation
- A checklist of procedures so students can follow along with the project's permitting, approval, and construction process
- A field trip to the solar project

- Evaluating different racking, inverter, and solar modules options
- Learning about controlling costs on projects and how to mitigate risks during critical times of the project
- Meeting with solar industry professionals to discuss various career paths within the solar industry including opportunities for engineers, salesmen, lawyers, accountants, scientists, project managers, financiers, lobbyists, industry analysts, non-profits, and entrepreneurs
- Designing a small mobile solar array that can be easily assembled and deconstructed for years of hands-on training

B. EQUIPMENT AND INSTALLATION DETAILS

I. PROPOSED CAPACITY

groSolar plans to meet the City of Montpelier's 1,000 kWac goal through a large installation at the stump dump. Our team estimates that the stump dump topography will permit the installation of up to 1,994.7 kW. This is shown in the layout below. State of Vermont Act 099, amending 30 VSA §219(a), allows for solar PV net metering projects up to 5 MWac to be constructed on landfill properties such as the Stump Dump. groSolar will size the system accordingly to meet and maximize the savings for the City of Montpelier. For a 1,000 kWac system, groSolar would install approximately 1,400 kWdc of solar modules.

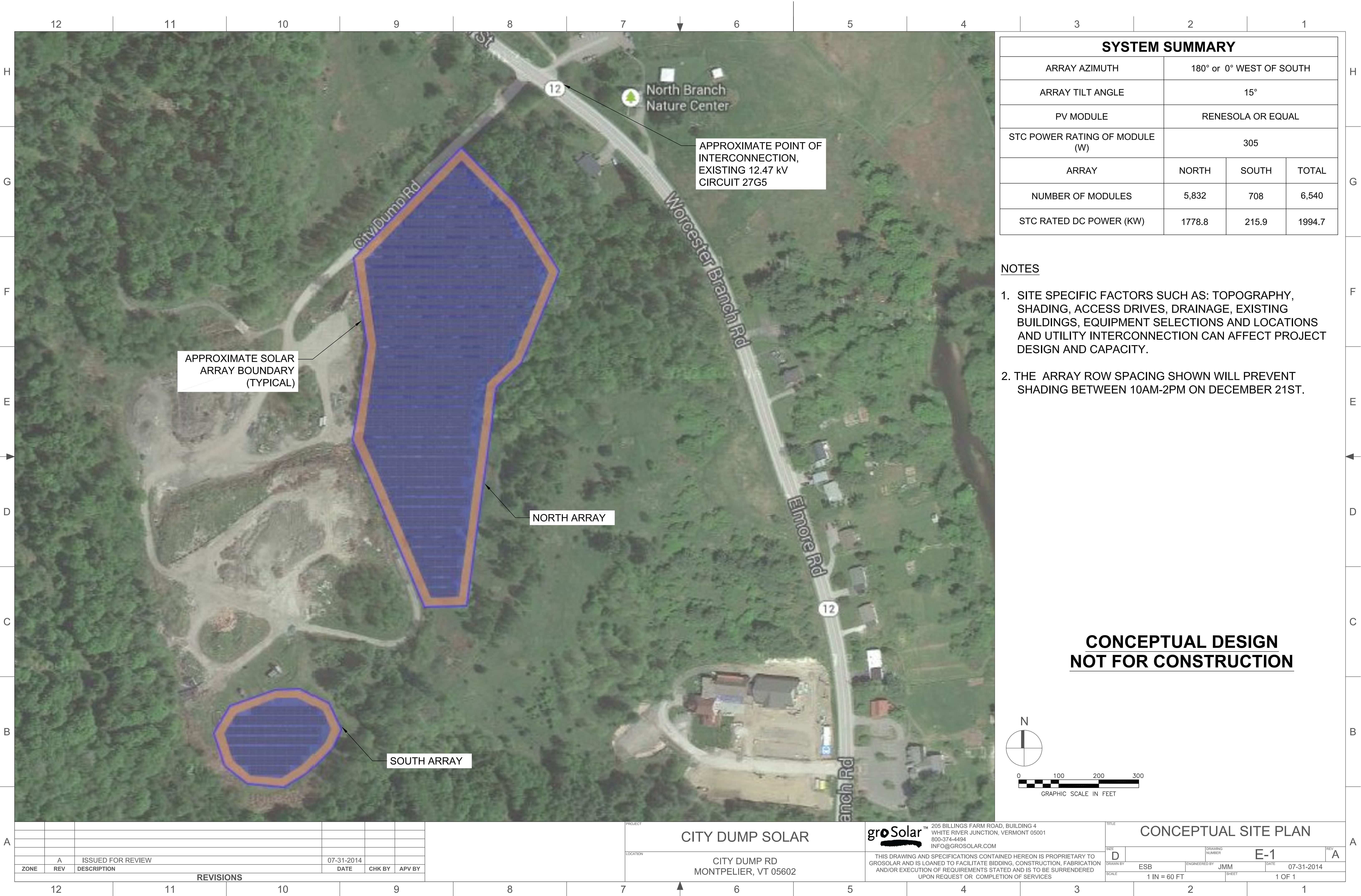
Options	Capacity kWac	Capacity kWdc
Maximum System Size	1,500	1,994.7
Requested System Size	1,000	1,400

2. OUTPUT RATIO AND MODULE EFFICIENCY

groSolar utilizes the software PVSyst to model the expected performance of its solar PV systems. The PVSyst model for this system estimates the output ratio (also known as yield or specific output) to be 1,226 kWh/kW. We propose to utilize a Renesola Virtus II 305W module (or other Tier 1 equivalent) for this project. These modules have an efficiency of 15.7%.

Output Ratio (kWh/kW) 1,226

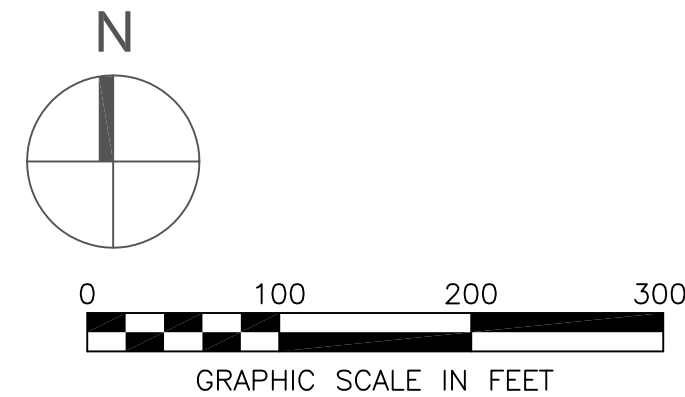
Module Efficiency 15.7%



SYSTEM SUMMARY			
ARRAY AZIMUTH	180° or 0° WEST OF SOUTH		
ARRAY TILT ANGLE	15°		
PV MODULE	RENESOLA OR EQUAL		
STC POWER RATING OF MODULE (W)	305		
ARRAY	NORTH	SOUTH	TOTAL
NUMBER OF MODULES	5,832	708	6,540
STC RATED DC POWER (KW)	1778.8	215.9	1994.7

- NOTES
1. SITE SPECIFIC FACTORS SUCH AS: TOPOGRAPHY, SHADING, ACCESS DRIVES, DRAINAGE, EXISTING BUILDINGS, EQUIPMENT SELECTIONS AND LOCATIONS AND UTILITY INTERCONNECTION CAN AFFECT PROJECT DESIGN AND CAPACITY.
 2. THE ARRAY ROW SPACING SHOWN WILL PREVENT SHADING BETWEEN 10AM-2PM ON DECEMBER 21ST.

CONCEPTUAL DESIGN
NOT FOR CONSTRUCTION

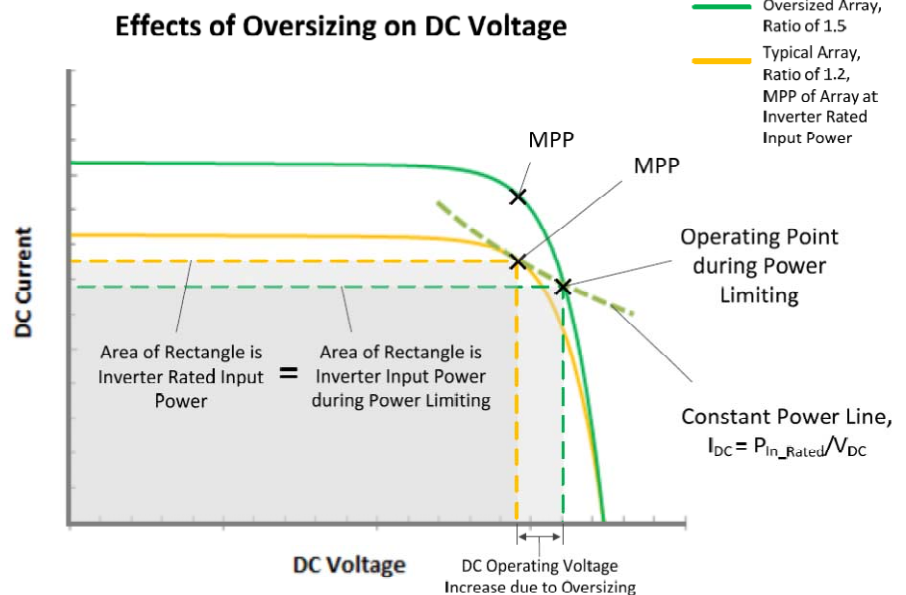


ZONE	REV	DESCRIPTION	DATE	CHK BY	APV BY
	A	ISSUED FOR REVIEW	07-31-2014		
REVISIONS					

PROJECT		CITY DUMP SOLAR		groSolar™  205 BILLINGS FARM ROAD, BUILDING 4 WHITE RIVER JUNCTION, VERMONT 05001 800-374-4494 INFO@GROSOLAR.COM		TITLE		CONCEPTUAL SITE PLAN	
LOCATION		CITY DUMP RD MONTPELIER, VT 05602		THIS DRAWING AND SPECIFICATIONS CONTAINED HEREON IS PROPRIETARY TO GROSOLAR AND IS LOANED TO FACILITATE BIDDING, CONSTRUCTION, FABRICATION AND/OR EXECUTION OF REQUIREMENTS STATED AND IS TO BE SURRENDERED UPON REQUEST OR COMPLETION OF SERVICES		SIZE		D	
						DRAWING NUMBER		E-1	
						DRAWN BY		ESB	
						ENGINEERED BY		JMM	
						DATE		07-31-2014	
						SCALE		1 IN = 60 FT	
						SHEET		1 OF 1	
								REV	
								A	

3. 1,000 kWAC GOAL

The alternate current (ac) nameplate capacity rating for a solar PV project is determined by the nameplate capacity of the solar inverters. We propose to utilize 2x 500 kWac inverters for this project. Due to the intermittent nature of a solar PV plant, the inverter load ratio (ILR) is important in ensuring that the system produces the most economical kilowatt-hours of electricity. As such our team always optimizes the ILR for a given project. groSolar's engineering team regularly works with inverter manufacturers to maximize the amount of direct current (dc) capacity can be connected to a specific inverter to maximize the alternating current (ac) production while minimizing clipping. This approach drives the overall value of the solar system in two ways: (1) Increases the amount of production on the shoulder periods of the day – including early to late afternoon where traditional power is the most expensive; and (2) decreases the inverter cost when measured on a watt basis.



Source: Solectria Renewables

4. PROPOSED MODULE MANUFACTURER AND DEGRADATION RATE

groSolar is technology agnostic and selects modules from only Tier 1 manufacturers with bankable warranties and with a proven track record of standing behind their product. As such, for these projects we propose to utilize a Renesola Virtus II 305W module (or other Tier 1 equivalent) for this project. These modules have an efficiency of 15.7%. The degradation rates of all crystalline modules are predictable based on past performance. Our team models a 0.5% per annum degradation rate. With a 25 year power performance warranty, the majority of module manufacturers today ensure that their modules perform as expected over the life of a typical solar project.

5. INSTALLER

groSolar is a full turnkey solar PV engineering, procurement, and construction (EPC) contractor and thus installs all projects that we develop. We are one of the leading installers in the State of Vermont and utilize a team of well established local subcontractors to execute our projects on time and on budget. groSolar often also completes EPC work for other developers in the North East.

6. ESTIMATED OUTPUT AT STUMP DUMP

groSolar utilizes the software PVSyst to model the expected performance of its solar PV systems. The PVSyst model for the proposed system at the stump dump estimates the output ratio (also known as yield or specific output) to be 1,226 kWh/kW. This output ratio is equivalent of 1,716,400 kWh for a 1,000 kWac system and 2,445,502 kWh for a 1,500kWac in year 1.

Options	Capacity (kWac)	Capacity (kWdc)	Output Ratio kWh/kW	Estimated Year 1 Output (kWh)
Maximum System Size	1,500	1,994.7	1,226	2,445,502
Requested System Size	1,000	1,400	1,226	1,716,400

7. PROJECTED TIMELINE

groSolar estimates a one (1) year development and construction timeline for this project starting from the Council's vote of approval. A preliminary schedule with critical path milestones (italicized) is shown below. Note that the construction season in Vermont is limited to April-September for most years due to winter weather conditions and frozen ground.

Milestone	Estimated Time (weeks)
<i>Council Approval</i>	Start (0)
Engineering Due Diligence and Submittal of Interconnection Application	0-12
<i>Contract Negotiation</i>	0-6
<i>Submit CPG 45 Day Notice</i>	Week 12
<i>Submit CPG Petition</i>	Week 17
<i>Interconnection Approval</i>	Week 28
<i>CPG Final Order</i>	Week 37
Final Engineering	Week 40
<i>Interconnection Agreement Execution</i>	Week 40
Begin Mobilization and Procurement	Week 40-42
<i>Groundbreaking</i>	Week 42

8. ENVIRONMENTAL IMPACTS

As an industry leader at deploying solar at environmentally sensitive sites, groSolar takes extreme care at all phases of development, design, and construction to minimize any environmental impacts from a solar array. Steps taken to ensure minimal environmental impacts make include:

- Minimize tree trimming wherever possible
- Ballasted racking systems on landfills and other environmental sensitive sites such as the stump dump
- Advanced storm water and erosion control and prevention plans
- Proper construction equipment selection for terrain and site
- Minimize grading and soil disturbance

C. FINANCIAL PROPOSAL

I. PROPOSED SOLAR PURCHASE AGREEMENT/ GROUP NET METERING AGREEMENT TERMS

Under the 2014 amended Vermont Statute 30 V.S.A. § 219a, net metering customers are able to offset costs paid for electrical consumption by generating electricity from a facility within the same utility service territory. The amended statute mandates that all utilities offer a solar adder equal to the minimum of the difference of \$0.19 minus the retail rate which provides a premium for energy generated by a Solar Project for a term of 10 years. Green Mountain Power, the electricity supplier for the City of Montpelier, has chosen to offer a \$0.05/kWh *solar adder* for systems within its service territory which is credited to the bill of any customer who participates in a group associated with the solar array. The \$0.05/kWh *solar adder* is credited on top of the retail rate for that customer and is reduced over time if and when retail rates increase. For instance, current retail rates at \$.14/kWh would require a \$.05/kWh adder from GMP to achieve the mandated rate of \$.19/kWh. However if retail rates increase to \$.16/kWh, GMP's solar adder sum would decrease to \$.03/kWh.

Under our proposal, groSolar would work with the City of Montpelier to form a net metering group to include City-owned meters associated with the largest energy consuming accounts in the community. The solar project would also become a non-consuming member to the group, allowing nearly all of the generated credits to be allocated to the City's accounts. To maximize the long term energy savings for the City, we have assumed a zero dollar lease for the stump dump property. If the City would prefer to lease the land at a fixed price over the term of the solar purchase agreement, groSolar would be open to renegotiating the terms of the net metering arrangement; however any increase in the lease payment would have a negative impact on the net metering credit terms.

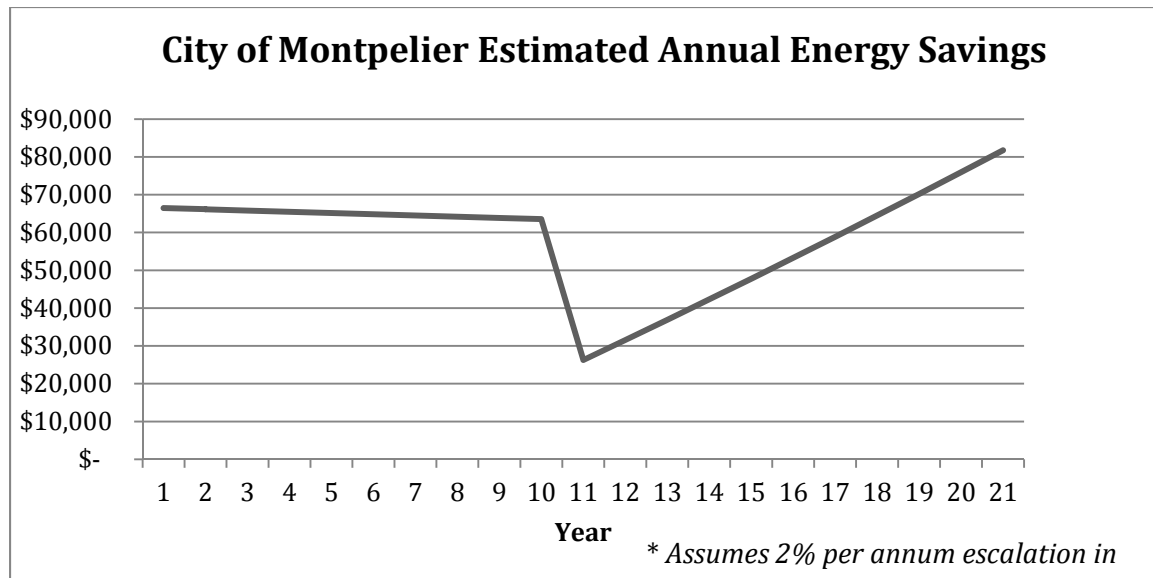
As a key part of the offering, the City would also have the option of purchasing the generating facility after seven years of operation. The purchase price of the project would either be a pre-

determined amount or the fair market value as determined by an independent third party. This option provides the City an opportunity to own the system and capture the full amount of generated credits for the full useful life of the project – typically longer than 30 years.

Summary of Proposal	
Term of the Agreement	25 years
Net Metering Credit (NMC) Value from GMP (Years 1-10)	\$.19/kWh
Payment to groSolar for NMC	80% or \$0.1520/kWh fixed
Options to purchase	Starting Year 7
Estimated Savings Over 25 Years	\$1,625,663

SUMMARY OF KEY PROVISIONS OF OUR SOLAR POWER PURCHASE FINANCIAL PROPOSAL

- The Solar Project would be developed, engineered, constructed, and operated at no cost to the City.
- The proposed term of the net metering agreement between the City and groSolar is 25 years, however a 20 year term would be considered. The Net Metering Credit rate paid to groSolar would remain fixed for the entire term of the agreement.
- The City would receive a \$.19/kWh net metering credit from GMP for all energy production from the Solar Project for a term of 10 years. Following year ten, the value of the net metering credit would equal the current retail rate of electricity at the site. Throughout the life of the project, all credits generated by the Solar Project would be applied to City utility accounts selected under the Group Net-Metering agreement.
- For the first ten years of the Group Net Metering Agreement, the City would be responsible for making payments to groSolar in the amount of 85% of the value of net metering credit or \$.1615/kWh. Following year ten, the City would continue to pay groSolar at a rate of \$.1615/kWh unless the current retail rates are lower than \$.1615/kWh. If this situation does occur, groSolar will work with the City to come to reach a compromise on the rate moving forward.
- Option to purchase the project after year ten.



D. OPERATION AND MAINTENANCE (O&M)

I. O&M NEEDS OF THE SYSTEM

With no moving parts, fixed tilt PV systems require the least amount of maintenance of any type of power generating asset. However, a robust O&M program is important to ensure the system performs as designed and meets both the goals and expectations of the City and groSolar. This program is described in the schedule below.

ITEM	SERVICE DESCRIPTION	FREQUENCY / RESPONSE TIME
1	Monitoring of the solar system from a control point through internet connection: including the setup of alarm points for abnormal inverter shutdowns / faults	Daily (minimum 5 days per week)
2	Remote troubleshooting of inverter / system faults and remote inverter resets when the fault is understood	Daily as needed. Initial response: Same day (5 day per week minimum)
3	On-site troubleshooting of inverter / system faults when the troubleshooting cannot be accomplished remotely. This extends past inverter issues to include open circuit, shorted cabling, opened/blown fuse scenarios, tracker problems including gear box and motor replacements, and grounding issues. Prior to site visits by groSolar or groSolar subcontractors, clear and safe access to the array and PV equipment must be provided by others, including, but	As needed. Initial response within 48 hours of fault / problem.

	not limited to snow clearing, vegetation removal, and gate and fence maintenance as needed.	
4	On-site troubleshooting including support to Company on warranty claim items.	As needed. Initial response within 48 hours of fault/ problem.
5	Coordinate with the Utility to safely turn off the solar system for Utility provided maintenance, repair and or replacement of utility equipment. Safely reactivate the system after Utility has completed their work and confirmed the system can be reactivated.	Annually
	PREVENTIVE MAINTENANCE	
6	Visually inspect entire solar system: Record, correct, apparent problems.	Annually
7	Visually inspect solar panels: Record if panels are properly affixed in racking system, correct if panels are not firmly affixed.	Annually
8	Visually inspect overall racking structure connections (including lateral links).	Annually
9	Visually inspect racking foundation and Powerstation foundations	Annually
10	Visually test for grounding continuity between frames and racking structure on a sampling of PV panels. Visually inspect for corrosion at grounding wire connection.	Annually
11	Inspect weather station components and verify operation with operations center.	Annually
12	Verify the points where array wiring enters into conduit are secure, sealed to prevent rain from entering and free of abrasion on the wire insulation.	Annually
13	Check connections within combiner boxes. Verify combiner boxes are free of water/moisture.	Annually
14	Verify DC means of disconnection are free of damage, corrosion or arc evidence and that they open and close freely.	Annually
15	Verify AC means of disconnection are free of damage, corrosion or arc evidence and that they open and close freely.	Annually
16	Test each string for proper short circuit current (Isc) and open circuit voltage (Voc) using IV Trace test.	Annually

17	Verify conduit is structurally supported and secured.	Annually
18	Verify conduit junctions and box connectors are secure and sealed.	Annually
19	Coordinate with inverter manufacturer so that its annual service obligations are undertaken (e.g. replacement of the air inlet filters on the inverters, cleaning of air intakes at powerstations, check power capacitors for signs of damage, charging resistors at inverters).	Annually or as recommended in O&M Manual
20	Inspect and clean the inside of the inverter for dirt deposits and water penetrations. Seal penetrations if found.	Annually
21	Inspect all cooling fans, test for functionality, replace if warranted.	Annually
22	Check the condition of AC and DC surge suppressors	Annually
23	Measure and record phase to phase input voltages and currents by means of inverter data and DAS.	Annually
24	Measure the output of all power supplies to be within tolerances.	Annually
25	Record and clear all faults on the inverters.	As needed
26	Verify the operation of the ground fault monitor at each inverter	Annually
27	Check fuses for open or signs of heating (inverter and string combiners). Inverters by inverter manufacturer technician. String combiners by Operator.	Annually
28	Inspect sub-assemblies, and major components including powerstation electrical equipment, walls, floor, ceiling, lights, doors, etc. Empty water in oil containment compartment through drain valve and inspect inside of tank through clean out openings. Clean inside of powerstations as needed	Annually
29	Mowing of grass and weed control, erosion and sediment control and module washing is excluded from base O&M pricing. groSolar will provide notice to system owner at the time of annual onsite inspections if array vegetation or site improvements (roads, fencing, etc.) require maintenance. Observations of the appearance/soiling level of the modules will also be provided.	Annually
30	Identify deficiencies that could affect production, equipment operability, or be reasonably expected to cause an unsafe condition at the Site. Report such deficiencies to Owner Representative to determine resolution.	As needed.

2. PARTY RESPONSIBLE FOR O&M

As the owner, operator, and constructor of the system groSolar is in the best position to implement and perform the O&M program on the system. groSolar maintains an industry leading rigorous O&M program and is increasingly solicited to provide O&M services for projects built by other constructors and investors. Our team will be responsible for all maintenance activities throughout the life of the project. We will work with the City to establish the appropriate site access, reporting requirements and controls. Additionally, at the end of construction and at periodic intervals throughout the life of the project, our team will train the appropriate town employees and first responders in the safe operation and de-energization of the system for situations of emergency.

E. RISK MANAGEMENT

1. WARRANTY COVERAGE

As the owner and operator of the system, groSolar is responsible for ensuring that the project has the appropriate warranty coverage throughout the life of the project. Warranty coverage along with the appropriate O&M project are necessary to ensure that a project meets the goals of both the City and groSolar

2. WARRANTY PROVIDERS

WORKMANSHIP WARRANTY - GRO SOLAR

groSolar offers a workmanship warranty when constructing projects for project investors or for clients wishing to own their own system. These workmanship warranties vary state by state in order meet state level requirements that qualify the solar system for green attributes and incentives. Typically, groSolar's workmanship warranty is a "bumper-to-bumper" warranty for all components in the system up to a term of five years and is executed in conjunction with our Operation and Maintenance contract.

EQUIPMENT WARRANTIES - MANUFACTURERS

groSolar is technology agnostic and only selects equipment from Tier 1 manufacturers with bankable warranties. The table listed on the following page describes the standard warranty lengths for solar equipment that groSolar.

Major Equipment	Standard Warranty
Racking	10-20 Years*
Modules	10 Years product, 25 Years Linear Power
Inverter	5 Years**
Data Acquisition System	5 Years

**Note: Racking manufacturer warranties vary greatly depending on the specific manufacturer.*

***Note: Inverter replacement is handled via extended warranties and/or an inverter replacement reserve built into the financial model for the project.*

3. DESIGN LIFE OF CRITICAL COMPONENTS

The design life of the critical components in the proposed PV system is shown in the table below. Note that the design life of many of the components far exceeds both the warranty length and term of the proposed contract.

Major Equipment	Design Life
Racking	30+ years
Modules	30+ Years
Inverter	15+ Years*
Data Acquisition System	15+ Years*

**The solid state computer components in these systems have a design life less than the proposed contract term. The solar purchase agreement addresses replacement of these items through extended warranties and replacement allowances.*

4. GUARANTEED OUTPUT OF THE MODULES

The solar modules proposed for this project are warranted to provide 20% of the year one (1) output year 25.

5. LAND CONTROL

Our proposal contemplates installation of the entire 1,000 kWac at the Stump Dump. groSolar does maintain a portfolio of secured land options for projects across the State of Vermont for solar development. These sites are controlled through lease-option, active lease, or ownership. If a fatal flaw was found during the development process of the Stump Dump, groSolar is in the position to pivot the development of this project to one or more of these sites at the request of the City.

6. PROFESSIONAL LIABILITY INSURANCE

groSolar maintains the industry standard of insurance for solar project developers and constructors. A copy of our insurance certificate is below. Note that groSolar is able to increase our insurance coverage as necessary and reasonable to meet the needs of the City.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
8/27/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Clark - Mortenson Insurance P.O. Box 606 Keene NH 03431		CONTACT NAME: PHONE (A/C, No, Ext): 603-352-2121 E-MAIL ADDRESS: csr24@clark-mortenson.com FAX (A/C, No): 603-357-8491	
		INSURER(S) AFFORDING COVERAGE	NAIC #
INSURED GROSOLAR groSolar Global Resource Options, Inc. DBA 205 Billings Farm Road, Building 4 White River Junction VT 05001		INSURER A: National Union Fire Insurance Compa	
		INSURER B: The Hartford	
		INSURER C: Chartis	
		INSURER D: Employers Insurance Company of Waus	
		INSURER E: Gemini	
		INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 1687977087

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC ☐ OTHER:			5893764	8/1/2014	8/1/2015	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$5,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 Per Project Aggregat \$2,000,000
B	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ☒ NON-OWNED AUTOS			04UENQT4116 04UENQT6018	8/1/2014 8/1/2014	8/1/2015 8/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☒ RETENTION \$10,000			25804152	8/1/2014	8/1/2015	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☐	N/A	WCCZ11260009014	8/1/2014	8/1/2015	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
E	Professional Liability			HPMDP0019900	8/1/2014	8/1/2015	Each Claim 5,000,000 Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Workers Compensation Coverage Part 3A applies to the States of: VT; MA; MD; CO; NY; MT; NJ; CA; CT; NC; AZ; GA; TX; PA; DE; IN

CERTIFICATE HOLDER

CANCELLATION

Global Resource Options, Inc. DBA GroSolar 601 Old River Rd.; Suite 3 White River Junction VT 05001	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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F. PURCHASE OPTIONS

1. FAIR MARKET VALUE

As part of groSolar's solar agreement, the City will have the option to purchase the system at anytime starting in year seven (7) at Fair Market Value. In order to prevent the possible recapture of monetized tax incentives associated with the United States Internal Revenue Code 48 (Federal Investment Tax Credit) and the United States Internal Revenue Code 168 (Modified Accelerated Cost Recovery System), the Fair Market Value must be determined at the time of sale through an independent market based means which typically utilize a third party appraiser and not based on a pre-arranged method of calculation. Thus providing a "bid factor" that would pre-determine the Fair Market Value would conflict with IRS and Treasury rules. One method that we can offer the city to approximate the FMV for the system would be to provide an estimated discounted cash flow at the time the option to purchase was exercised. If of interest, we can provide the City with those approximate values at identified dates during the term of the contract.

2. SYSTEM COMPONENTS INCLUDED IN PURCHASE

If the City was to exercise an option to purchase the system, all components of the system would be transferred to the City. The City would be purchasing and established power generating asset.

3. TRANSFER OF KNOWLEDGE ON SYSTEM OPERATION

If the City was to exercise an option to purchase the system, groSolar would provide training on the basic operation and maintenance of the system. groSolar would also include an operations manual and copies of all engineering drawings to the City. At the time of sale, groSolar would also offer to enter into an O&M contract with the City for the continued operations and maintenance of the system.

G. ECONOMIC BENEFITS

1. ECONOMIC MULTIPLIER

The proposed solar project will deliver numerous economic benefits to benefits to the City of Montpelier, the local Community, and to the State of Vermont. Our team estimates that the proposed project will save the City and its residents greater than \$60,000 in year one and over \$1,600,000 over 25 years. groSolar estimates that the proposed project will create up to 30 temporary full time jobs during construction. We estimate the project will create up to 150 temporary full-time jobs during construction, generating over \$200,000 in direct wages and an estimated local economic boost in excess of \$500,000.

H. KNOWLEDGE AND SKILL

I. ABOUT GROSOLAR

groSolar, is an industry-leading large commercial and utility-scale solar developer and engineering, procurement, and construction firm specializing in projects greater than 1MW in capacity. For over 15 years, groSolar has been dedicated to high quality, on time, and on budget project performance. With numerous award winning multi-megawatt projects and over 2,000 installations nationwide, groSolar's experience spans a broad spectrum of applications. These include the development and installation of solar projects at brownfields/landfills, commercial, educational, and municipal facilities, and manufacturing plants. groSolar provides a one stop source for solar projects ranging from development services and financing through construction and long-term operations and maintenance.

groSolar Company Data	
Company Name	Global Resource Options, Inc. d/b/a groSolar
State of Incorporation	Delaware
Year Founded	1998
Number of Employees	35
Corporate Headquarters	White River Junction, VT
Target Sectors	Municipal, Commercial, Industrial, Agricultural, and Utility

groSolar is profitable, operates with no debt, and is financially stable. We maintain excellent credit terms with our suppliers and have sufficient bonding capability for projects in our target market. groSolar will provide audited financial statements upon request.

A LEADING VERMONT BASED SOLAR ENERGY COMPANY

Founded over 15 years ago in Vermont, groSolar is the state's leading solar energy company. Our team is the go-to expert in the Vermont Certificate of Public Good (CPG) process and is responsible for the development and construction of over 7MW of commercial solar projects in the state of Vermont. Additionally, our development and construction pipeline includes over 20 MW of additional commercial and utility scale projects scheduled to be installed across the state. Some of our more notable projects are listed in the table on the following page.



Project	Location	Capacity (MWdc)	Installation Type	Date Completed
Stafford Hill Landfill	Rutland City	2.51	GM	Under Construction
Limerick	Shelburne	2.90	GM	Aug-13
Cross Pollination	New Haven	2.50	GM	Aug-13
Burlington Schools	Burlington	0.23	RM	Jan-12
Vermont National Guard	Waterbury	1.45	RM	Dec-11
Green Mountain Coffee	South Burlington	0.10	GM	Mar-09

GRO SOLAR RECENT PROJECT EXPERIENCE

groSolar's portfolio of constructed projects is constantly growing. A key differentiator of our industry leading construction management team is our experience in the North East and especially in New England. A select list of example projects constructed last year is shown in the table below.

Project Name	Region	Size (MWdc)	Type	Completion
Ashburnham	North East	4.0	GM	Feb-14
Berkley East	North East	3.9	GM	Aug-13
Limerick	North East	2.9	GM	Aug-13
Lake County	Mid-West	5.4	GM	Aug-13
Cross Pollination	North East	2.5	GM	Aug-13
Sterling	North East	2.4	GM	Mar-13
ESPN Headquarters	North East	0.7	RM	Jan-13

GRO SOLAR PROJECT FINANCE CAPABILITY

groSolar is able to self-finance solar projects through Power Purchase Agreements and Leases. Our team is very familiar with the various federal and state level financing incentives available to solar projects. Some of the financing programs in which our team has participated in include:

Federal Investment Tax Credit	Section 1603 Grant
NJ SREC Based Financing Program	PSE&G Solar Loan Program
MA SREC Program	CT ZREC Program
MD SREC Program	NYSERDA Funding
VT SPEED Program	VT Net Metering Program
Various ARRA Sourced Grant Programs	Various IN FIT Programs



GROSOLAR'S 663 KW ESPN HQ PROJECT

2. GRO SOLAR EXPERIENCE AT MUNICIPAL AND ENVIRONMENTALLY SENSITIVE SITES

groSolar has extensive experience working closely with municipalities and municipal utilities in the North East. Also, groSolar is an industry leading expert at developing projects at challenging sites including landfills, brownfields, and other underutilized municipal owned sites such as the City of Montpelier's Stump Dump. Our staff has managed the capping of more than 300 acres of landfills and has extensive experience on waste disposal sites and Superfund sites. groSolar has overcome substantial hurdles in projects using innovative solutions to deploy solar systems at challenging sites.

Our team utilizes state of the art management and scheduling techniques to ensure that our projects are completed on-time and on-budget. In fact, we are the go-to solar construction firm for many utilities and developers when they are facility significant construction time hurdles and possible loss of incentives associated with construction timing.

Examples of groSolar projects constructed at challenging sites in coordination with municipal/public entities include:

Public Entity	Size (MW)	Completion	Challenges
Ashburnham Municipal Light Plant	4.0	Jan-14	Rocky terrain requiring extensive civil work and planning
Taunton Municipal Lighting Plant	3.9	Aug-13	Rocky terrain, adjacent to protected turtle habitat and cranberry bogs
Northern Indiana Public Service Company	5.4	Aug-13	System designed with concrete ballast to reduce soil disturbance, built adjacent to existing wetlands and waterways
Sterling Municipal Light Department	2.4	Mar-13	Built on a former hayfield, installation with little environmental disturbance
Camden County Municipal Utility Authority	1.8	Jun-12	Constructed over operating wastewater tanks at a wastewater treatment facility
Clean Harbors Landfill	1.5	May-11	Built on a capped landfill with working pumping facility on site

4. PROJECT SCHEDULE AND MILESTONES

groSolar estimates a one (1) year development and construction timeline for this project starting from the Council's vote of approval. A preliminary schedule with critical path milestones (*italicized*) is shown below. Note that the construction season in Vermont is limited to April-September for most years due to winter weather conditions and frozen ground.

Milestone	Estimated Time (weeks)
<i>Council Approval</i>	Start (0)
Engineering Due Diligence and Submittal of Interconnection Application	0-12
<i>Contract Negotiation</i>	0-6
<i>Submit CPG 45 Day Notice</i>	Week 12
<i>Submit CPG Petition</i>	Week 17
<i>Interconnection Approval</i>	Week 28
<i>CPG Final Order</i>	Week 37
Final Engineering	Week 40
<i>Interconnection Agreement Execution</i>	Week 40
Begin Mobilization and Procurement	Week 40-42
<i>Groundbreaking</i>	Week 42
Construction Completion	Week 52

5. GRO SOLAR PROJECT REFERENCES

We have provided a summary table below of customer and project references for the City of Montpelier's benefit in evaluating groSolar's experience and credentials. If there is any trouble reaching one of the references, please contact our team and we will be able to help facilitate an introduction on behalf of the City. The contact information is sensitive; please use with discretion.

Project	Reference	Reference Address	Reference Contact
Berkley East Solar	Michael Horrigan, General Manager	Taunton Municipal Lighting Plant 33 Weir St. Taunton, MA 02780	(508) 824-5844
Sterling Municipal Solar	Sean Hamilton, General Manager	Sterling Municipal Light Department 50 Main St. Sterling, MA 01565	(978) 422-8267
Ashburnham Solar	Stan Herriott, General Manager	Ashburnham Municipal Light Department 24 Williams Rd. Ashburnham, MA 01430	(978) 827-4423
Camden Solar Center	Scott Skaletski, Project Manger	Integrus Energy Services 1716 Lawrence Drive 54115 De Pere WI	(920) 617-6222
Vermont Air National Guard	Lt. Col. Adam Rice	Air National Guard Civil Engineers' Squadron 30 Falcon St., South Burlington, VT 05403	(802) 660-5210



GRO SOLAR'S 1.8 MW CAMDEN COUNTY MUNICIPAL UTILITY AUTHORITY PROJECT

6. CASE STUDIES



Vermont Air National Guard



System:
1.42 MW Multiple Array Project

System Components:
5,798 - Kyocera 245W PV Modules
2 - 500 kW Satcon Inverters
1 - 250 kW Satcon Inverter
1 - 30 kW Satcon Inverter
6 - AllSun Trackers
Schletter Ground Mount Racking
Unirac Rooftop Racking

Location:
South Burlington, Vermont

The Vermont Air National Guard (VTANG) will harness the sun's energy to power the Air National Guard F-16 Squadron Fighter Wing in South Burlington, Vermont, cutting the facility's electricity usage by 40%, an annual savings of \$225,000.

The Guard insisted on a contractor capable of engineering multiple arrays while overcoming various site challenges when designing and installing this \$8.5 million project, funded by federal dollars earmarked by U.S. Senator Bernie Sanders (I-VT)

"It is appropriate this project is located at our Vermont National Guard base, because as much as anyone, our military service members understand the critical importance of breaking our dependence on foreign oil and moving our nation to energy independence," said Sanders.

Versatility and ability to maximize available space in the engineering process, while paying close attention to detail under specific design and time line demands are reasons why groSolar was selected as the contractor.

The total project consists of fixed, ground-mount and tracker arrays totaling 1.42 MW, and a fixed rooftop array consisting of 31.85kW. The installations are on the north side of the base, clearly visible from Burlington International Airport's tarmac. Construction began April 11, 2011, and finished on schedule in December 2011.

"Every detail was mapped out to specific requirements, from site work, to conduit runs, to the landscaping," said Jeff Wolfe, Co-founder and Chairman of the Board of Directors, groSolar. "This project truly exemplifies groSolar's commitment to excellence in commercial solar engineering, product procurement and construction. Our nimbleness and ability to design and install three different types of applications in a single project, while maintaining such high standards, has resulted a nice looking project, which will save VTANG millions of dollars over the next several decades."

groSolar, a commercial solar integrator, with megawatt+ jobs in seven states, is headquartered in Vermont. This project is not only employing its own staff, but also providing jobs for dozens of other subcontractors and their employees.

VTANG is committed to significantly reducing the base's utility costs, improving energy security and demonstrating the effectiveness of three different applications of solar power generation at an Air National Guard base.





Clean Harbors



Clean Harbors Environmental Services (NYSE: CLH) chose to install a solar power system at its Bridgeport, NJ, facility to offset more than 90% of the facility's annual electric bill. Prior to the installation, the facility's annual electric bill was \$250,000.

Most of the facility's electricity is used to run pump and treatment equipment to pump contaminated ground water, treat it and then discharge it into the Raccoon Creek. The 6,500+ PV modules sit on top of a capped landfill, which was thought to have no development potential.

The \$6.5 million project was funded with capital funds. Clean Harbors chose to install solar because it not only made environmental sense, but also financial sense. Solar Renewable Energy Credit (SRECs), a 30% federal tax credit and rising New Jersey electric rates will substantially increase Clean Harbors' return on investment.

This particular system will provide enough electricity to power over 1000 homes. groSolar was selected by Clean Harbors as the most qualified contractor from a group of several solar installation companies. groSolar's strong knowledge of landfill sites was particularly important in the selection process.



"We are using an endless supply of clean, renewable solar electricity to decontaminate ground water. We hope to broaden our efforts into additional, environmentally friendly developments."

*Bill Geary, President
Clean Harbors Development*



System:
1.5 MW ground-mount PV

System Components:
6,522 Astronergy 230 W
Polycrystalline Modules
3 Solaron Grid-Tie Inverters
Schletter Ground-Mount Racking System

Location:
Bridgeport, NJ

"We went through the procurement process and hired independent experts to conduct an RFP process among several, qualified candidates. We chose groSolar because of its outstanding reputation in the commercial solar industry, capabilities and pricing, and because it was the company recommended by the experts."

Bill Geary, President, Clean Harbors Development



Limerick Road Solar



Limerick Road Solar, LLC, is a 2.96 MW solar photovoltaic (PV) system in Shelburne, Vermont. The project is located on 15 acres of the 1,000-acre Meach Cove Farms, a privately owned certified organic farm which focuses on efficiently using local natural resources. The solar project was designed and installed to enhance the organization's mission to provide renewable energy alternatives to fossil fuels.

"Working with groSolar and Meach Cove Farms on this project has been a very successful collaboration. All three of our organizations are dedicated to designing and constructing renewable energy solutions that utilize local resources in the most environmentally responsible and cost-effective way," stated Leigh Seddon, of L.W. Seddon, LLC. "This project was completed on schedule and within budget due to the excellent project management and collaboration between groSolar and Meach Cove Farms."



Meach Cove Farms is the owner and site manager for the Limerick Road Solar farm, and the project design and engineering was under the direction of L.W. Seddon, LLC. groSolar was the EPC on the project, and was responsible for the electrical, site layout, and construction drawings, equipment procurement, and the construction of the solar system. Limerick Road Solar uses almost 10,000 Renesola modules which are mounted on a Schletter racking system. The DC power is converted into utility-grade AC power by five Advanced Energy inverters located within two PowerStation enclosures.

The average annual electrical production from the system is estimated to be 3,450,000 kilowatt hours (kWh), which is equivalent to the annual electrical consumption of 385 average Vermont homes. The electricity produced will be sold to Vermont utilities under the state's Sustainably Priced Energy and Economic Development (SPEED) program.

System:
2.96MW

System Components:
9,878 Renesola 300 Watt Modules
5 Advanced Energy Inverters
Schletter Racking

Location:
Shelburne, VT





Cross Pollination



The Open View Solar Farm is a project of Cross Pollination, an organization which was created to promote the integration of renewable energy and sustainable organic farming. The 2.49MW solar PV system is located in New Haven, Vermont, and was installed on schedule and within budget.

The project is privately owned by Cross Pollination, Inc. and was designed and built by groSolar.

"The entire construction process of the Cross Pollination project, including coordinating the requirements of our Certificate of Public Good, was handled seamlessly by groSolar. We are very satisfied with the project and look forward to working with groSolar on future projects," said Paul Lekstutis, co-principal of Cross Pollination.

Open View Solar Farm will achieve Cross Pollination's goal of producing clean, renewable, emissions-free energy for the community with minimal impact on the environment. The system will annually generate over three million kilowatt hours, which is equivalent to powering approximately 350 homes each year. It was also important to the owners and neighbors that the solar array was consistent with the aesthetics of the surrounding Vermont countryside. groSolar designed the solar farm to comply with agricultural requirements, which allows room for sheep grazing around and in between the rows of solar modules. The design also incorporated the building of a replica sugar shack, similar to those commonly found in Vermont for processing maple sugar. Instead of the typical shade structure for the system's electrical components, the sugar shack was built to house the project's electrical equipment.



System:

2.49 MW

System Components:

6,336 Renesola 300W Modules
506 Canadian Solar 285W Modules
1,606 Canadian Solar 280W Modules
4 AE 500 Inverters

Location:

New Haven, VT



groSolar Corporate Offices:

205 Billings Farm Road • White River Junction, VT 05001 • 9175 Guilford Road • Columbia, MD 21046
800.374.4494 • www.groSolar.com • info@grosolar.com



Media Inquiries, contact:
Christine Kelleher
802.359.6538
christine.kelleher@grosolar.com

First of its Kind Solar Storage Project to be Built in Vermont

Rutland, VT and White River Junction, VT – August 27, 2014 – Construction is now underway on groSolar's newest project in Vermont—Stafford Hill Solar Farm—an innovative and first of its kind solar PV plus battery storage project being designed and constructed for Green Mountain Power (GMP). The solar farm covers approximately ten acres of land on the former Rutland City landfill and will provide 2.5MW of energy capacity for the utility's grid. The project consists of 7,722 Suniva panels, racking provided by Patriot Solar, and four central Dynapower inverter stations. The system will provide enough energy to power 2,000 homes.

In addition to supplying the utility's grid with energy, the unique and important project will also provide a source of electricity to the adjacent emergency shelter at Rutland High School in cases of power outages and extreme weather. This is accomplished via each of the inverter stations that incorporate battery storage and synchronized controls which permit on demand integration with the utility grid. The system also incorporates a voltage regulation system which will maintain voltage to the grid and allows for "islanding" the energy to be used in emergency situations. In these situations, the battery backup microgrid system will be able to disconnect from the grid and provide up to 4MWh of stored energy to the shelter. This innovative system will be the first of its kind to provide this source of energy security for the community without the need to rely on other energy sources and the transmission system.

Distinctively, this one of a kind project is being designed and built in a Vermont community by local Vermont companies and contractors. groSolar was founded in 1998 in Strafford, Vermont and now has its headquarters in White River Junction and an office in Rutland City. The site work subcontractor is Mosher Excavating of Killington, inverters were custom designed by Dynapower of Burlington, the electrical subcontractor is CDP Electric of Rutland, and fencing is provided by Middlebury Fence of New Haven. The project site is a closed capped landfill, and this project will repurpose the property and provide a clean, renewable energy for the community.

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About groSolar

groSolar is an industry-leading large commercial- and utility-scale solar engineering, procurement, and construction firm serving the 1 to 30 MW market. For 15 years, groSolar has been dedicated to high quality, on time, and on budget project performance. With megawatt+ projects and over 2,000 installations nationwide, groSolar's experience spans a broad spectrum of applications. These include design and build applications atop brownfields/ landfills, commercial, educational, and municipal facilities, and manufacturing plants. groSolar provides a one stop source for solar projects ranging from development services and financing through construction and long-term operations and maintenance.



LEGEND

200-20 ft contours

200 ft

20 ft

 Parcels (where available)

 Town Boundary



1: 3,570

November 17, 2014



181.0 0 90.00 181.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere

© Vermont Agency of Natural Resources

1" = 298 Ft.

1cm = 36 Meters

THIS MAP IS NOT TO BE USED FOR NAVIGATION

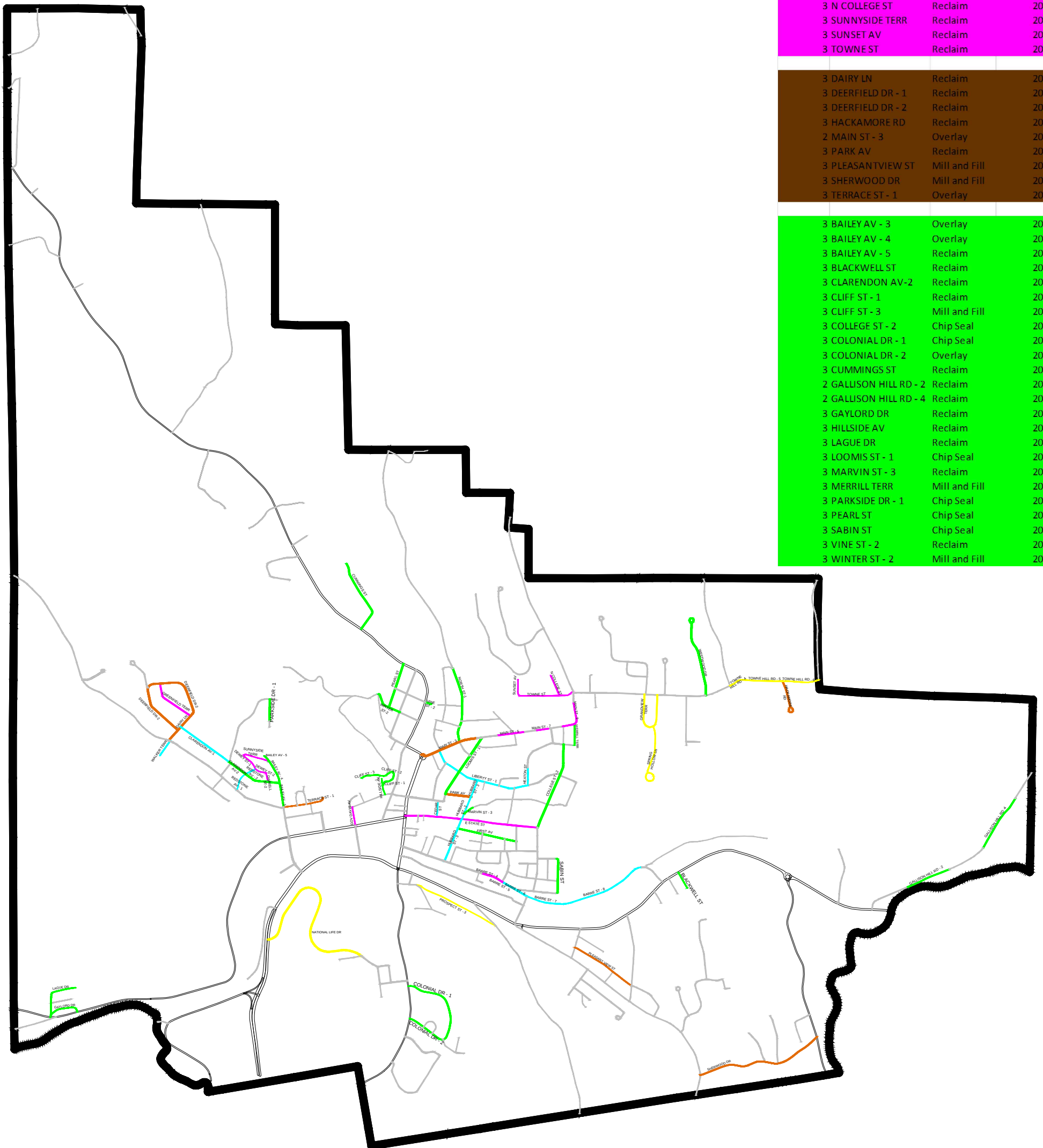
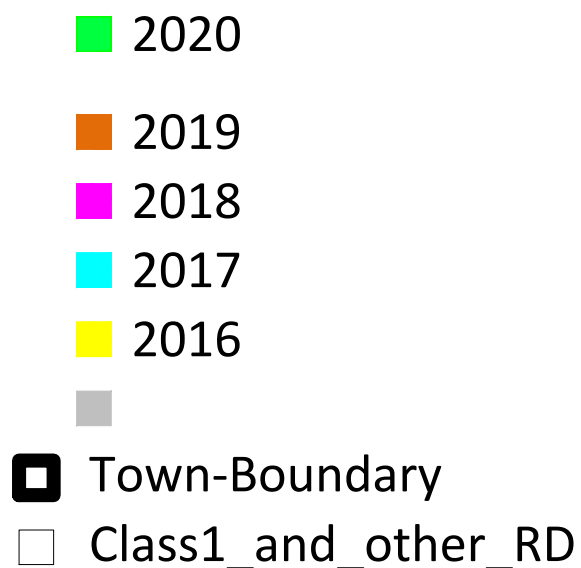
DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

NOTES

Map created using ANR's Natural Resources Atlas

STREET PAVING PLAN FY15-FY20

Legend



Road Class	Road Name	Replacement	Budget Year
	3 GRANDVIEW TERR	Reclaim	2016
	3 NATIONAL LIFE DR	Overlay	2016
	3 PROSPECT ST - 3	Reclaim	2016
	3 SPRING HOLLOW LN	Reclaim	2016
	2 TOWNE HILL RD - 4	Reclaim	2016
	2 TOWNE HILL RD - 5	Reclaim	2016
	2 TOWNE HILL RD - 6	Reclaim	2016
	2 BARRE ST - 6	Mill and Fill	2017
	2 BARRE ST - 7	Reclaim	2017
	2 BARRE ST - 8	Reclaim	2017
	3 CEDAR ST	Reconstruct	2017
	3 CLARENDON AV-1	Reclaim	2017
	3 HEATON ST	Reclaim	2017
	3 HUBBARD ST - 1	Reclaim	2017
	3 HUBBARD ST - 2	Mill and Fill	2017
	3 HUBBARD ST - 3	Mill and Fill	2017
	3 LIBERTY ST - 1	Reclaim	2017
	3 REDSTONE AV - 1	Reclaim	2017
	3 REDSTONE AV - 2	Reclaim	2017
	3 WALKER TERR	Reconstruct	2017
	2 BARRE ST - 4	Mill and Fill	2018
	2 BARRE ST - 5	Mill and Fill	2018
	3 DEWEY ST-1	Reclaim	2018
	3 DEWEY ST-2	Reclaim	2018
	3 DWINELL ST	Mill and Fill	2018
	3 E STATE ST	Chip Seal	2018
	3 GOV DAVIS AV	Mill and Fill	2018
	3 GREENFIELD TERR	Reclaim	2018
	2 MAIN ST - 5	Overlay	2018
	2 MAIN ST - 7	Overlay	2018
	2 MAIN ST - 9	Overlay	2018
	3 N COLLEGE ST	Reclaim	2018
	3 SUNNYSIDE TERR	Reclaim	2018
	3 SUNSET AV	Reclaim	2018
	3 TOWNE ST	Reclaim	2018
	3 DAIRY LN	Reclaim	2019
	3 DEERFIELD DR - 1	Reclaim	2019
	3 DEERFIELD DR - 2	Reclaim	2019
	3 HACKAMORE RD	Reclaim	2019
	2 MAIN ST - 3	Overlay	2019
	3 PARK AV	Reclaim	2019
	3 PLEASANTVIEW ST	Mill and Fill	2019
	3 SHERWOOD DR	Mill and Fill	2019
	3 TERRACE ST - 1	Overlay	2019
	3 BAILEY AV - 3	Overlay	2020
	3 BAILEY AV - 4	Overlay	2020
	3 BAILEY AV - 5	Reclaim	2020
	3 BLACKWELL ST	Reclaim	2020
	3 CLARENDON AV-2	Reclaim	2020
	3 CLIFF ST - 1	Reclaim	2020
	3 CLIFF ST - 3	Mill and Fill	2020
	3 COLLEGE ST - 2	Chip Seal	2020
	3 COLONIAL DR - 1	Chip Seal	2020
	3 COLONIAL DR - 2	Overlay	2020
	3 CUMMINGS ST	Reclaim	2020
	2 GALLISON HILL RD - 2	Reclaim	2020
	2 GALLISON HILL RD - 4	Reclaim	2020
	3 GAYLORD DR	Reclaim	2020
	3 HILLSIDE AV	Reclaim	2020
	3 LAGUE DR	Reclaim	2020
	3 LOOMIS ST - 1	Chip Seal	2020
	3 MARVIN ST - 3	Reclaim	2020
	3 MERRILL TERR	Mill and Fill	2020
	3 PARKSIDE DR - 1	Chip Seal	2020
	3 PEARL ST	Chip Seal	2020
	3 SABIN ST	Chip Seal	2020
	3 VINE ST - 2	Reclaim	2020
	3 WINTER ST - 2	Mill and Fill	2020

Deliberative action of MEAC Subcommittee established to review responses to Solar Project RFP issued by the City of Montpelier

The City received seven (7) responses to the reissued Solar RFP.

The subcommittee carefully reviewed and evaluated all seven proposals pursuant to matrix established by the RFP.

RFP Evaluation Rubric:

- Development Approach (20%)
- Equipment and Installation Details (10%)
- Financial Implications (20%)
- Ongoing O&M (5%)
- Risk Management (15%)
- Purchasing Option (10%)
- Economic Benefit (5%)
- Knowledge and Skills (15%)

The subcommittee eliminated four of the proposals because they failed to meet certain criteria established by the RFP (e.g. did not utilize stump dump or failed to allow for buy out) or were simply not credible and/or competitive.

The subcommittee interviewed three bidders on 10/08/14. Based on the written submissions and answers to questions posed during the interview process, the **subcommittee unanimously recommends that MEAC endorse the proposal submitted by groSolar and make an official recommendation to City Council.**

Rationale for subcommittee recommendation:

1. Of the three finalists, groSolar's proposal provides by far the **greatest financial benefit to the City.**
 - 25 year PPA at 80% of net metering credit.
 - Total estimated savings to the City over 1.6 million over 25 year period.
 - RECs will be retired in the City's name allowing the City to move closer to its net zero goal.
2. **Vermont-based (White River Junction) firm** with a tremendous amount of experience developing solar project for schools, municipalities, and specifically landfills in Vermont.
3. **"Turnkey" operation:** groSolar is a one-stop design, procurement, construction, operation, and management firm. They are going to build these arrays with their own money. After construction they may sell some or all of the project but they will remain

involved in operations and maintenance. groSolar was unique in this respect among all proposals.

4. groSolar offers **community engagement activities** including:
 - Data collection and display on the City's website or via a television screen installed in City Hall
 - Marketing and public outreach including a case study, construction time lapse video, and aerial photographs
 - Dedication ceremony
 - groBrilliant Sunitiative which connects local schools with the project and provides hands on learning opportunities.
5. groSolar's proposal was unique in that they **propose siting both 500 kW arrays on the Stump Dump** pursuant to a carve out for landfills allowed by law. The subcommittee expressed concerns about groSolar's interpretation of the law. The subcommittee asked for and received additional information from Darren Springer (Deputy Commissioner, Department of Public Service) via groSolar that his interpretation of the law is consistent with groSolar's. groSolar has looked at two other sites within the City limits and anticipates that it could lease land to complete the City's project within the timeframe and terms of its current proposal. The subcommittee is seeking additional written assurances that groSolar will honor the terms of their proposal even if one 500kw array must be sited on other land.
6. Consistent with all other proposals, groSolar offered a **buy out after year seven at fair market value (FMV)**. The IRS prohibits parties from setting buy out price at time of contract so no bidder was able to give a firm buy out price. Most firms agreed, including groSolar, that buyout would be approximately 50-60% of installation cost. groSolar estimates installation cost at \$3.3 million, allowing that this cost may come down if they are able to drive posts as opposed to ballast base the arrays at the Stump Dump.
7. Panel efficiencies (15.7), degradation rates, and component warranties were generally very comparable among the three finalists. groSolar offered a 5 year bumper to bumper warranty; inverters 5 years; rack 10-20 years; design life of critical components 15 to 30 years; panels guaranteed output of 20% of year one at year 25.
8. groSolar's original proposal called for use of two 500kw inverters but during the interview process, the company representative discussed how the company might very well design the system using string inverters. City might want to insist on this as inverter failure in the string inverter scenario only provides for partial power loss.
9. groSolar estimates a 12 month time table from City Council approval to date of operation.

Firm	Total Score	Development Approach (20%)	Equipment and Installation Details (10%)	Financial Implications (20%)	Ongoing O&M (5%)	Risk Management (15%)	Purchasing Option (10%)	Economic Benefit (5%)	Knowledge and Skills (15%)
AllEarth Renewables	3.54	0.60	0.42	0.60	0.19	0.51	0.34	0.19	0.69
ecos energy	1.63	0.33	0.20	0.20	0.08	0.34	0.08	0.07	0.34
Novus Energy	3.98	0.80	0.43	0.70	0.21	0.63	0.37	0.19	0.65
groSolar	4.05	0.90	0.43	0.70	0.23	0.58	0.37	0.18	0.68
Bluewave	4.01	0.73	0.40	0.73	0.20	0.63	0.40	0.19	0.72
Green Peak Solar	3.22	0.53	0.34	0.70	0.15	0.51	0.30	0.15	0.54
Pristine Sun	1.16	0.10	0.10	0.00	0.08	0.26	0.15	0.06	0.41



City of Montpelier
Department of Planning and Community Development
39 Main Street City Hall Montpelier VT 05602

Wednesday, November 19, 2014

To: Bill Fraser

From: Kevin Casey, Community Development Specialist

RE: Winter Parking Ban Draft Ordinance Change

CC: Michael Clasen, Captain Neil Martel, Brian Tuttle, Chief Robert Gowan, Tom McArdle, Donna Barlow Casey

Please review the following changes to the ordinance based upon our meeting on Monday November 10, 2014. The most notable changes in the ordinance are:

- substituted the language proposed by J. Paul Guliani,
- changed the ban start time to 12:00 A.M.,
- added the provision that the ban may be instituted by the City Manager **OR** his designee
- added the provision that the City Manager may add additional streets at his discretion in Section 10-714.
- Added the language that the ban is in effect until the City Manager or his designee rescinds the order

Sec. 10-713. NIGHT TIME PARKING DURING WINTER.

The City Manager or his designee may, by executive order, prohibit the parking of motor vehicles, trailers, equipment or any other object on the streets of the city of Montpelier between the hours of 12:00 midnight and 7:00 A.M. between November 15 and April 1. The City Manager, by executive order, may prohibit night parking at any other times of the year if emergency road conditions exist or are predicted to exist, or to accommodate snow/plowing removal or road repair. The ban shall remain in effect until the City Manager rescinds the executive order. Attention to the prohibitions issued under this Section shall be promulgated through City of Montpelier communications channels and appropriate signage.

Sec. 10-714 Night Parking Restrictions

Parking of motor vehicles, trailers, equipment or any other objects on city streets or parking lots that are designated in this section is hereby prohibited between the hours of 12:00 A.M. and 7:00 A.M. between

November 15 and April 1. Streets or zones may be amended in this provision by executive order at City Managers discretion.

Langdon Street on both sides for its entire length

East State Street on its northerly side from Main Street to Cedar Street and on its southerly side from 89 East State Street to West Street

Taylor Street on both sides from State Street to Taylor Street Bridge

Elm Street both sides from State Street to Spring Street

School Street on both sides between Elm Street and Main Street.

School Street from the Intersection of School and Main Street east to the intersection with Loomis Street

Those portions of Memorial Drive, Northfield Street and Berlin Street lying within the radius of one hundred feet from the point of intersection of said streets.

Spring Street on both sides from its intersection with Elm Street east to its intersection with Keck Circle

Court Street between its intersection with Elm Street and the intersection with Governor Aiken Avenue

Cedar Street for its entire length

Liberty Street from Main to Hubbard

Downing Street for its entire length

Public Notification and Dissemination of Overnight Parking Ban

Winter Parking Ban Procedures:

Residents are advised to read the below procedures carefully.

The responsibility for keeping the community safe and our road and transportation network accessible during winter weather is shared by the City and its residents. We urge you to do your part for yourselves, your neighbors, individuals pushing strollers or using wheelchairs or other mobility devices, and pedestrians. Doing your part is the neighborly thing to do, it's the law, and it will help you avoid a fine for non-compliance.

We do our part by following the City's snow removal and Winter Parking Ban policies, which are designed to clear streets quickly and effectively during a storm and to provide open, passable streets during and after the storm.

When will the changes to the Ordinance Go Into Effect?

The new ordinance will be in effect on December 5, 2014. Until then the current ordinance is in force and all vehicles will need to be removed from City Streets from 1:00 A.M. until 7:00 A.M.

When Will A Winter Parking Ban Be Declared?

A Winter Parking Ban may be declared when it is determined that a predicted weather event or planned snow removal activity will require City Street Crews to have clear unfettered access to the streets as determined by the Street Supervisor and City Manager. However, all weather factors and ground conditions will be weighed and may necessitate decisions that deviate from this norm. The City Manager or his designee will attempt to institute the ban by 6 p.m. and it will go into effect at 12:00 A.M. unless directed otherwise. Towing before the snow actually hits the ground is necessary to ensure clear streets for the plows. It is strongly advised that residents move their cars as soon as an emergency is declared.

How Will I Know A Winter Parking Ban Has Been Declared?

The City Manager or his designee will notify the community of the Winter Parking Ban in the following ways:

- citywide alerts issued by phone, email, and text message to subscribed users of the VT alert system
- notification of all major broadcast channels and radio stations and local media;
- postings to social media including Facebook and Twitter
- an alert on the City homepage at www.Montpelier-vt.org
- Twitter: <https://twitter.com/vtmontpelier>
- www.facebook.com/MontpelierVT

Residents may call the 24-hour Snow Line at (802)262-6200 to find out when an emergency is in effect. DO NOT CALL 911

Residents are advised to sign up to receive an email and/or telephone or text message alert via ***VT Alerts as well as social media outlets such as:***

Facebook: www.facebook.com/MontpelierVT

Twitter: <https://twitter.com/vtmontpelier>

Website: Montpelier-vt.org

VT Alerts: Residents will be notified via VT Alerts

Parking, Ticketing And Towing Rules during A Winter Parking Ban

Parking is not allowed on any street during the Winter Parking Ban.

Fines during a Winter Parking Ban:

Failure to Move Car during winter ban: \$15 with an \$8 late fee if not paid within 10 days

Towing Charge is \$65 (plus the \$15 ticket) plus storage, paid at Bob's Sunoco on River Street

Within 10 ft. of Hydrant/Designated Fire Lane: \$50

Parking in a Space Designated for the Disabled: \$277

Off-Street Parking Lots Open During A Winter Parking Ban

Residents may park in the designated areas listed below during a Winter Parking Ban. Once the Winter Parking Ban is lifted, vehicles must be removed within two hours, regardless of posted signage. Vehicles parked in municipal lots must be cleared and properly plowed.

Stone Cutters Way in Designated Areas

Blanchard Parking Lot at City Hall in Designated Area

Map of Locations to Park During Winter Ban:

http://www.montpelier-vt.org/upload/groups/415/files/parking_2014-web.pdf