

Bristol Town Administrator

From: Berrett Walter <walter@norwichsolar.com>
Sent: Monday, November 13, 2023 11:54 AM
To: ianalbinson+sb
Cc: Richard Butz; Bristol Town Administrator; Jack Greene
Subject: Re: EVSE Grant - Next Steps Estimate & Design

Hi Ian,

The interconnection quoted by GMP cannot support three of the higher-speed (70A) charging stations. The electric service interconnection quoted by GMP can either support two of the higher-speed (70A) or up to five of the slower-speed (30A) charging stations.

The miles of range added per hour is driven more by the EV and its current state of charge than by the charging stations. Roughly, a 70A unit will add between 45-60 miles of range per hour while a 30A unit will roughly add between 20-30 miles of range per hour.

Warm Regards,
Berrett

NORWICHEV
Berrett Walter | Clean Technologies Project Manager

he/him

Work: 802-281-3192 ext. 3032

Email: walter@norwichev.com

norwichev.com

15 Railroad Row, Suite 101, WRJ, VT 05001



On Mon, Nov 13, 2023 at 11:42 AM Ian Albinson <ianalbinson+sb@gmail.com> wrote:

Hi Berrett,

The Energy Committee proposes three **Level 2 charging stations (70A units)**, if possible. If not, what would you recommend?

Additionally, the FAQ in the latest proposal states "approximately 60 miles of range per hour," but below, you mention 45 miles per hour of charging. Which number is the more accurate one?

Thanks.

– Ian

Ian Albinson, Selectboard Member
Town of Bristol

Please note this email message, along with any response or reply, may be considered a public record subject to disclosure under the Vermont Public Records Law (1 V.S.A. §§ 315-320).

On Nov 13, 2023 at 11:36 AM -0500, Berrett Walter <walter@norwichsolar.com>, wrote:

Hi Richard,

Thanks for the feedback and more than happy to get you an updated quote if needed. But I first want to add a clarifying note. The provided quote is for two Level 2 charging stations (70A units), which can add approximately 45miles per hour of charging.

If you are still interested in seeing a quote for three Level 2 charging stations (30A units -- adding approximately 25 miles of range per hour) we can get one over to you shortly.

Warm Regards,
Berrett



Berrett Walter | Clean Technologies Project Manager

he/him

Work: 802-281-3192 ext. 3032

Email: walter@norwichev.com

norwichev.com

15 Railroad Row, Suite 101, WRJ, VT 05001



On Fri, Nov 10, 2023 at 9:37 PM Richard Butz <butzra042@gmail.com> wrote:

Hi Berrett, this looked good until I looked at it more carefully. We had decided to go for three level 2 ports and forgo the level three. Can you update one more time?

Richard

On Fri, Nov 10, 2023 at 5:46 PM Berrett Walter <walter@norwicksolar.com> wrote:

Hi Richard,

Thanks for your patience as we worked on updating our quote. Attached, find an updated quote for your grant application. Let us know if you have any follow-up questions or need additional information for the grant.

Warm Regards,
Berrett



Berrett Walter | Clean Technologies Project Manager

he/him

Work: 802-281-3192 ext. 3032

Email: walter@norwichev.com

norwichev.com

15 Railroad Row, Suite 101, WRJ, VT 05001



On Wed, Nov 8, 2023 at 9:32 AM Richard Butz <butzra042@gmail.com> wrote:

terrific, thank you, we'll look forward to it.

Richard

On Wed, Nov 8, 2023 at 9:28 AM Berrett Walter <walter@norwicksolar.com> wrote:

Hi Richard,

Thanks for checking in. We just received an updated interconnection quote from GMP and are in the process of incorporating it into our quote. We expect to have an updated quote to you by the end of the week.

Warm Regards,
Berrett



Berrett Walter | Clean Technologies Project Manager

he/him

Work: 802-281-3192 ext. 3032

Email: walter@norwichev.com

norwichev.com

15 Railroad Row, Suite 101, WRJ, VT 05001



On Wed, Nov 8, 2023 at 9:22 AM Richard Butz <butzra042@gmail.com> wrote:

Hi Jack and Berrett, just checking to see where you are on this. I'd like to get the information in soon.

Richard

----- Forwarded message -----

From: **Richard Butz** <butzra042@gmail.com>

Date: Mon, Oct 23, 2023 at 11:39 AM

Subject: Re: EVSE Grant - Next Steps Estimate & Design

To: Jack Greene <green@norwicksolar.com>

Cc: Berrett Walter <walter@norwicksolar.com>, Bristol Town Administrator <townadmin@bristolvt.org>, ianalbinson+sb <ianalbinson+sb@gmail.com>

Hi Jack, I sent Berrett the information from the EVSE program. I've attached it for you as well. As soon as you both work your magic we'll forward it and get this thing done.

Richard

On Mon, Oct 23, 2023 at 9:20 AM Jack Greene <green@norwicksolar.com> wrote:

Town of Bristol again? Let me know what you need from me here.

On Fri, Oct 20, 2023 at 3:35 PM Berrett Walter <walter@norwicksolar.com> wrote:

Hi Richard,

Thanks for forwarding this along. We'll work on getting you an updated design and estimate. We'll reach out if we have any questions.

Warm Regards,
Berrett



Berrett Walter | Clean Technologies Project Manager

he/him

Work: 802-281-3192 ext. 3032

Email: walter@norwichev.com

norwichev.com

15 Railroad Row, Suite 101, WRJ, VT 05001



On Fri, Oct 20, 2023 at 3:25 PM Richard Butz <butzra042@gmail.com> wrote:

Hi Berrett, here's the email from Emily Eckert. Please let me know what you need from us.

Richard

----- Forwarded message -----

From: **DHCD Applicant** <info@vermontevchargers.com>

Date: Fri, Oct 20, 2023 at 3:14 PM

Subject: EVSE Grant - Next Steps Estimate & Design

To: butzra042@gmail.com <butzra042@gmail.com>

Hi Richard,

Thank you for your interest in the Community EVSE grant program! The next step is to gather a design and estimate for your EV charger installation.

You will send the design, estimate, and site plan once it's completed to info@vermontevchargers.com for review as part of the application.

Please see attached a pdf version of the below checklist to easily share with your installer or anyone else who is working on this project, to ensure the design and estimate includes all necessary pieces for application approval.

For detailed eligibility requirements regarding hardware and site please refer to the eligibility requirements: <https://www.vermontevchargers.com/wp-content/uploads/2023/07/Eligibility-Requirements-for-Landing-Page-Public-Attraction.pdf>

Your estimate must include separate line items for the following:

- Hardware costs
- Utility make-ready costs
- Civil make ready costs
- Labor costs
- # of ports
- Level 1, Level 2 or Level 3
- Line for Utility Incentive if there is one (this should not be subtracted from the total, but it should be indicated if there is one)

The work/products below should not be included in the above list and should be listed separately in the estimate:

- Extended warranties (beyond the 3 years where that is required)
- Software subscriptions (prepaid or monthly)
- Signage
- Painting of parking spots
- Pavement work that is beyond repairing pavement disturbed by installation

Site Plan (ariel view (google maps is fine.) When submitting a design, include a site plan to show the chargers will be installed within reasonable proximity to existing infrastructure. You can see the hardware eligibility under the program requirements here:

<https://www.vermontevchargers.com/> Site plan should include the following:

- Indicate what parking spaces will hardware be located in front of/ next to
- The location of lighting and pedestrian pathways,
- distance to other infrastructure (meter/panel), electrical diagrams)
- Equipment Specifications
- Project Timeline – Estimated dates for permitting/easements, equipment procurement and installation (or if already completed)
- OCPP Compliant – yes or no

Please Note***If chargers are mandated by federal, state, or local requirements, separate out the cost of installation and hardware for chargers above and beyond these requirements. Mandated chargers are not eligible for the grant.

Thank you for your support in Charging Vermont

Emily Eckert

Vermont EV Charger Grant Administrator

802-655-8722

info@vermontevchargers.com

Please consider the Environment before printing this email

Disclaimer: This email is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If you have received this communication in error, please do not distribute it, notify the sender immediately by email, and delete the original message. Unless expressly stated in this email, nothing in this message or any attachment should be construed as a digital or electronic signature.