
From: Richard Kahn <[REDACTED]>
Sent: Friday, September 7, 2018 6:30 PM
To: jeffrey E.
Subject: Prosolar

internet connectivity is no explanation for why system fails =onday / works tuesday and fails wednesday..
next few =mails are brians emails he sent to me..
please =dvice
thanks

Richard Kahn
HBRK Associates Inc.
575 =exington Avenue 4th Floor
New York, NY 10022
[REDACTED]

Begin forwarded message:

From: =/b>Brian Prosolar <[REDACTED]>

Subject: =/b>Re: Friday June =9th

Date: =/b>September 7, 2018 at 2:26:31 PM =DT

To: =/b>Richard Kahn <[REDACTED]>

Cc: Brice Gordon <[REDACTED]>, Dan Prosolar <[REDACTED]>, Marcelo
[REDACTED], Brad Spornak <[REDACTED]>, michael glidden <[REDACTED]>

Afternoon Richard,

As you may be aware the =internet connectivity has been off on GSJ for a couple weeks. This has =revented
continual analysis but are working with Brice and Micheal in a =eactive way as best we can. I've asked Dan to reach out
to =rice to see if the operation of the system is back to the successful =onfiguration levels seen over the last few months.
Dan relayed that he =as not heard from him in a couple days but I indicated that he needs to =ontinually inquire.

Relatedly, I've =ent you a few emails recently with no response. Just want to ensure you =re receiving them.

Regards,

Brian Alden
ProSolar America, LLC
Director of Operations

On Sep 7, 2018, at 2:54 PM, Richard Kahn <[REDACTED]>
wrote:

is solar back up?
if so please advise what issues were..
thank you

Richard Kahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022

On Sep 5, 2018, at 7:22 AM, brice gordon <[REDACTED]> wrote:

Morning
Same issue no power again
Sunny islands dead
Sunny boys flashing yellow
Please as to what you would like to do
Brice

Sent from my iPhone

On Sep 4, 2018, at 12:11 PM, Dan Prosolar <[REDACTED]> wrote:

good morning all! hope everyone had a great weekend.. minus GSJ with no power.

i feel very good about my visit today. i was receiving error codes pertaining to an OVER-VOLTAGE situation. this is great news considering we have been fighting the opposite problem since the hurricanes. i have had the system set to perform at the absolute peak voltage it can to avoid losing power. this maximum voltage

setting meters the system on the edge of its capabilities. as we see now it has obtained and exceeded its voltage setting limits on the sunny islands. there is no damage done, only the inconvenience of it shutting down to protect itself. Today i throttled back the target voltage by 1v. this should prevent more shutdowns due to over voltage. i think we have got this system dialed in.

All the best, Dan Chrisman

On Mon, Sep 3, 2018 at 6:57 PM, brice gordon <[REDACTED]>

> wrote:

Good Evening

The solar system is down on GSJ

No power sunny islands

Sunny boys seem to be in alarm

Cluster box no power

Please advise as to Dans schedule

Regards =rice

Sent from my iPhone

On Jul 11, 2018, at 2:10 PM, Marcelo [REDACTED] > wrote:

Good afternoon Richard,

Please see the below email containing Dan's summary of what actions he performed on his last visit to GSJ.

Regards, =/span>

Marcelo =erez

Project Manager

[REDACTED]
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www.prosolaramerica.com

From: Dan Prosolar <mailto:[REDACTED]>
Sent: Wednesday, July 11, 2018 1:10 PM
To: Marcelo <mailto:[REDACTED]>
Subject: Re: FW: Friday June 29th

Good afternoon all, sorry for the delay my email had an issue and became unlinked so I wasn't receiving these until now. Regarding GSJ here is what's been achieved.

-all Aquion battery modules are wired to bypass the corroded, water damaged circuit boards that could interfere with charging profiles.

-sunny islands (6) were downgraded to firmware version 6.0.02. This was done to allow a smoother, linear charge profile to be set

-charging parameters are now based on voltage set points rather than state of charge calculations done internally with different references.

-max charge voltage has been set to 58.5V and the batteries will not stop charging until a voltage 1.5V over the set limit is achieved for 15 seconds. This gives them the ability to surpass the previous charge voltage of 56.7V

- the main issue that caused so much down time before was as follows. A target charge voltage that matched the Aquion batteries was not possible with the previous profile. Complicating that was faulty Aquion circuit boards preventing the batteries from properly charging to a suitable voltage. Aquion, as we know, is no more, so it's impossible to obtain replacement parts. Aquion's bms never met the as advertised performance and created more issues than we could have imagined. In short, the change I made allowed for a higher, more suitable battery voltage to be achieved and prevents the premature shut down we saw before.

Again, sorry for the delay, hope all is well

Thanks

Dan Chrisman

Senior Technical Specialist

Prosolar LLC

[REDACTED]

From: Richard Kahn <mailto:[REDACTED]>
Sent: Wednesday, July 11, 2018 10:30 AM
To: Brian Prosolar <mailto:[REDACTED]>
Cc: Brad Spornak; michael glidden <mailto:[REDACTED]>; Brice Gordon
<mailto:[REDACTED]>
Subject: Re: Friday June 29th

can we do thursday morning or anytime friday

when can expect Dan's summary?

please advise

thank you

Richard Kahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022

[REDACTED]

wrote: On Jul 10, 2018, at 2:18 PM, Brian Prosolar <[REDACTED]>

Afternoon Richard,

Brad is traveling to San Francisco for a conference and I'm boarding a plane to STX. I've asked Dan to write a synopsis of his efforts and we have been monitoring for proper function. I'll relay this tomorrow once he's finished.

We're still evaluating but all is functioning as intended for the moment.
Additional monitoring and confirmation are needed since the weather over the last week has been extremely cloudy.

Would it be possible to have our call on Thurs. afternoon at 3 EST?

Regards,

Brian Walden
ProSolar America, LLC

Director of Operations
[REDACTED]

[REDACTED] On Jul 10, 2018, at 1:50 PM, Richard Kahn <[REDACTED]>

> wrote:

i have not yet heard back from anyone on a time to speak

please advise

thank you

Richard Kahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022
[REDACTED]

On Jul 11, 2018, at 5:36 PM, Richard Kahn <[REDACTED]> wrote:

can we please arrange a call for tomorrow to review current status of GSJ solar

thank you

Richard Kahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022



wrote:

On Jun 29, 2018, at 1:36 PM, Brian Prosolar <[REDACTED]>

Afternoon =ich,

I =elieve the normal boat arrival time is 8 or 8:30 a.m. in Redhook. =nbsp;

Dan =ill be there.

Regards,

Brian Walden
ProSolar America, =lc

Director of =perations



On Jun 29, 2018, at 1:20 PM, Richard Kahn =lt;[REDACTED]>

> > wrote:

please =onfirm what time you will be arriving at GSJ on Monday

thank you

Richard Kahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022



On Jun 28, 2018, at 1:42 PM, Brian Prosolar <[REDACTED]>
wrote:

Afternoon Richard,

We're still trying to have a final discussion with Stefan as well as track down multiple 128MB or smaller SD cards to reboot the Sunnyboy inverters. We're moving as quickly as we can in order to execute the conversion plan but it looks like we have to push to Monday. Dan has shown Michael how to get the system back up and operating in the event of it dropping offline and that is working for the interim.

Regards,

Brian Walden



On Jun 28, 2018, at 11:08 AM, Richard Kahn <[REDACTED]>
[REDACTED] wrote:

please confirm that you will be at GSJ tomorrow to work on the Solar

thank you

Richard Kahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022



[REDACTED]

wrote:

On Jun =5, 2018, at 7:27 PM, Brian Prosolar <[REDACTED]>

I want to ensure we have the PCB bypass discussion with the =ngineers prior to the visit and will try to expedite.

Brian Walden
EE/RE Consultant

[REDACTED]

On Jun 25, 2018, at 5:05 PM, Richard Kahn =l
> wrote:

we are =ithout any solar currently

can you please try to have dan come sooner

thank you

Richard =ahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022

[REDACTED]

wrote:

On Jun =5, 2018, at 4:31 PM, Brian Prosolar <[REDACTED]>

Afternoon =ichard,

I have Dan on the =chedule to head to GSJ on Friday.

Regards,

Brian Walden

ProSolar America, =lc

Dir. =f Operations
[REDACTED]

<n [REDACTED] On Jun 25, 2018, at 3:30 PM, Richard Kahn =lt [REDACTED] wrote:

can you please advise when your men can come =n and fix our solar system
thank you

Richard Kahn
HBRK Associates Inc.
575 Lexington Avenue 4th Floor
New York, NY 10022
[REDACTED]

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