

From: Richard Kahn <[REDACTED]>
To: "jeffrey E." <jeevacation@gmail.com>
Subject: Fwd: ProSolar ProCare July Report and Billing
Date: Wed, 05 Jul 2017 20:42:52 +0000
Attachments: GSJ_ProCare_April_-_July_Invoice.pdf

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Begin forwarded message:

From: [REDACTED]
Subject: ProSolar ProCare July Report and Billing
Date: July 5, 2017 at 4:17:38 PM EDT
To: [REDACTED]
Cc: "Richard Kahn" <[REDACTED]>, "Kevin Alvarez" <[REDACTED]>, "Patrick Molesworth" <[REDACTED]>, "dana hodge" <[REDACTED]>

Hi Mike,

It was a pleasure meeting you today and giving you an overview of the Great Saint James Powerplant. I would like to highlight a few key points from today:

- 1) I have added you to the SMA Sunny Portal where you can login via smartphone or PC to review plant stats. Please follow the directions in your email box.
- 2) Conditioning the inverter room: We discussed multiple ways of using fans instead of air conditioning but at the end of the day eliminating moisture and salt air is more important than heat dissipation since the inverters draw in corrosive air 24/7. Heat IS a problem and the inverters will be more efficient if the space is cooler. I would recommend walling off half of the room, insulating the roof with spray foam, and installing a 1ton high efficiency split unit to keep the temperature at 78 and dry. The room needs 2 doors(extra for fire code) that can be locked. We checked the inverter logs and found multiple de-rate error codes(Error W137) indicating loss of efficiency from high temperatures.
- 3) Existing R.O. System: We are experiencing a major draw at 2AM. I do not know what the draw is but it needs to be investigated. We could install a circuit level monitoring device on the main load center in the basement of the main house which would tell us how much power each load is drawing. Until this high load is located and eliminated I do not recommend a larger R.O. System.

Action Item: Please keep the R.O. usage window between 9am-4pm for the next week so I can see the difference in consumption and to possibly eliminate the generator starting to support the loads.

4) Billing: I have attached an invoice for the past 4 monthly service visits for your review. If you would like to pay via credit card please let me know what email address to use so I can send you an invite to pay the bill.

5) I still have an outstanding invoice for you for \$4000. I do not have any buyers lined up but I have offered the used inverters to multiple interested parties.

I can be available for a conference call next week if you would like to address any of these items or future expansion plans. Thank you.