



Re: [EXTERNAL] Water Tower

From Mark Lepore <mlepore@hotmail.com>

Date Tue 2024-02-06 4:35 PM

To Mike Cobb <Mike.Cobb@ecidevelopment.com>; Valeria Espinoza <Valeria.Espinoza@ecidevelopment.com>

 3 attachments (8 MB)

Invoice #1_0 GP EVA 69 WORK_CONSULT_SUGGESTIONS.pdf; SOLAR SETTINGS SIMPLE CHEAT SHEET (VALUES ONLY).txt; SETTINGS CHEAT SHEET.png;

There is a lot to the document here to understand and unpack. I wish it was one problem and a simple fix of programming. That said, my changes can, and do mitigate the problems with EVA 69, but there are several underlying issues.

Some are that all the solar equipment *batteries and inverters, are indoor units only, missing safety devices, and have improper sized circuit breakers to name a few.

I have unpacked the work I have done and the time spent on EVA 69 and included several notes / observations and consults free of charge (attached) as well as the programming parameters. I would take the important ones up with Solaris. As I said, they are liable, in my opinion.

When my unit failed, they were quick to point out that a wasps nest was in the inverter and that they won't honor warranty. (he didn't know my background or that I was working for you by the way). Ironic coincidence brought up a solid conversation with the Solaris engineer. I mentioned to the head engineer that these units are rated for indoor use only. He understood that. When I asked him why they installed these units knowing they are partially out doors where bugs could get in them, his exact response was "Buen pregunta". Indeed. So he was aware they are incorrect for the environment, but installed them anyway?

FYI Technosol units are no better, same rating, but have smaller holes in them so bugs are less likely to cause an issue. Personally, sounds to me like a liability issue, but that is up to GP to address.

Attached is the information. If you guys have any questions, please let me know. We can work out billing after we completely address EVA 69. I would like to see it through if you continue to need my help.

Regards,
Mark

From: Mike Cobb <Mike.Cobb@ecidevelopment.com>
Sent: February 6, 2024 1:58 PM
To: Mark Lepore <mlepore@hotmail.com>
Cc: Mike Cobb <Mike.Cobb@ecidevelopment.com>
Subject: Re: [EXTERNAL] Water Tower

Thanks. We are looking at various alternatives to the water tower, and that too. Bottom line is pressure. Anyway, saw that Val responded to the Solar note. Lots to consider there for sure. Vendors who won't honor their commitments, but we will of course.



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From: Mark Lepore <mlepore@hotmail.com>
Date: Monday, February 5, 2024 at 4:44 PM
To: Mike Cobb <Mike.Cobb@ecidevelopment.com>
Subject: Re: [EXTERNAL] Water Tower

Water pressure is fine, not 100 percent at all times but OK. If it becomes an issue where a water tower is needed, that is a different issue. First it makes more sense to me to have more full time people here.

Also forwarded an email about the solar homes that you should be aware of. Few problems that GP needs to speak to Solaris about.

Have a good week Mike,
Mark

From: Mike Cobb <Mike.Cobb@ecidevelopment.com>
Sent: February 1, 2024 3:02 PM
To: Mark Lepore <mlepore@hotmail.com>
Cc: Mike Cobb <Mike.Cobb@ecidevelopment.com>
Subject: Re: [EXTERNAL] Water Tower

Thanks Mark. I'm glad that Jeff is coming to Belize to look at the books. We have nothing to hide and he'll be able to see that with his own eyes.

As for the water tower, good ideas. Not sure when that will happen. Is there a water pressure issue? Val mentioned some folks talking about it, but I have not hear directly. Let me know please.

Thanks, Mike



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From: Mark Lepore <mlepore@hotmail.com>
Date: Wednesday, January 31, 2024 at 2:46 PM
To: Mike Cobb <Mike.Cobb@ecidevelopment.com>
Subject: [EXTERNAL] Water Tower

Hey Mike,

Water pressure / tower came up today and I got thinking. Just a couple suggestions to avoid potential issues.

Copper pipes inside the tower. Copper kills bacteria, viruses and prevents mold and algae growth.

Also, a spot avoiding direct sunlight as to avoid heat buildup in the water might be a good idea. Having a ventilated wall around the tower can also help reduce heat buildup.

Thought I might throw those suggestions as something to help out and throw your way just to make you aware for when you do decide to move forward with it.

Also, another note, I did speak with Jeff about GP shares, as he asked me his thoughts on the scenario. I mentioned how it seems to me you are definitely committed to seeing growth here. Honestly, it is a model of future small footprint / sustainable homes, with huge growth potential, so I can't see why someone would want to bail on that at the moment.

In any case just wanted to mention that. Take care and have a good day.

Best regards,
Mark