
From: Jeanne Brennan [REDACTED]
Sent: Tuesday, January 8, 2013 4:48 PM
To: 'Jeffrey Epstein'
Subject: FW: LSJ Solar

I still have not heard from Toshiba with the proposal. Do you want me to email them(again) requesting status or wait until they call?

From:=[/b>] =ttaviano, Jeffrey [REDACTED] =br>Sent: Friday, December 28, 2012 6:31 PM
To: =abwcpa@gmail.com
Cc: Creighton, Jim; =anselmi@meritelectrical.com; Lonkevych, Mark
Subject: Re: LSJ =olar

Jeanne,

I am still on vacation and apologize, but I was waiting to contact you after I had my other meeting scheduled. I was trying to set up a permitting meeting with DPNR, but never got a response to my request. At this point I do not think I will be making it the week of January 7-11. I have worked up preliminary numbers and have forwarded them to our business development people. I expect they will be setting up a call after the New Year.

Happy New Year,
Jeff

From<=b>: =eanne Brennan [REDACTED] =br>Sent: Friday, December 28, 2012 12:23 PM
To: =ttaviano, Jeffrey
Cc: Creighton, Jim; 'Morris Anselmi' = [REDACTED]>>; Lonkevych, Mark
Subject: RE: LSJ Solar =br>

Jeff,

Hope the holidays are going well. Can you give me an update on the solar proposal for LSJ and the day (Jan 7 -11) you want to do a site visit on the island.

Thanks,

Jeanne

From:=[/b>] =ttaviano, Jeffrey [REDACTED]
Sent: Monday, December 10, 2012 4:02 =M
To: Jeanne Brennan
Cc: Creighton, Jim; Morris =nselmi; Lonkevych, Mark

Subject: RE: LSJ solar

Jeanne,

We've located a power meter on St. Thomas that we can use. We can install it when we come down in January.

Jeff

Jeff Ottaviano

Toshiba International Corporation

200 Dryden Road, Suite 400

Dresher, PA 19025



From:=/b> Jeanne Brennan [mailto:jabwcpa@gmail.com] =br>Sent: Saturday, December 08, 2012 9:39 AM
To: ottaviano, Jeffrey
Subject: RE: LSJ solar

Thanks =o:p>

From:=/b> ottaviano, Jeffrey [REDACTED]
Sent: Saturday, December 08, 2012 =0:04 AM
To: [REDACTED]
Subject:

Jeanne,

I'll look into getting a power meter. We would install it on the 480 V side of the xfmr to include the line and xfmr losses in the readings. We would compare the temporary power meter to the utility meter, thus it would be a time and use study. This would be very valuable information to have to properly size the solar and energy storage system.

I should know my schedule for the week of January 7-11 by next week.

Jeff

From<=b>: Jeanne Brennan [REDACTED] =br>Sent: Saturday, December 08, 2012 06:53 AM
To: ttaviano, Jeffrey
Cc: bgordon.l [REDACTED] br>Subject: RE: LSJ Solar

Jeff,

The transformer for LSJ is located on the Island and owned by LSJ. This raises the questions:

- * =/span>What is the loss at the transformer?
- * =/span>Do we need a time and use study?
- * =/span>Can you install the power logger?

Also let me know what day works for you and your team during the week of Jan 7-11 to visit the Island and I will coordinate setting it up.

Thanks =o:p>

Jeanne

From:=/b> ttaviano, Jeffrey [REDACTED]
Sent: Saturday, December 08, 2012 8:17 =M
[REDACTED]
Subject: Re: LSJ Solar

Jeanne,

That would be one way to do it, but if you know the cable size, length and material a calculation can be done quite accurately. You could also install a temporary power logger over a week or so and then compare that to the utility meter.

If the cable was sized properly it should be less than 2% losses. =br>

We have an excellent electrical contractor in St. Croix that has been working for Hovensa for many years. Let me know if you want me to introduce him.

Jeff

From<=b>: =eanne Brennan [mailto:jabwcpa@gmail.com] =br>Sent: Saturday, December 08, 2012 06:05 AM
To: =ttaviano, Jeffrey
Cc: 'brice gordon' <bgordon.lsj@gmail.com> =br>Subject: RE: LSJ Solar

Jeff,

We are trying to determine =f there is significant line loss between the meter on St. Thomas and =he transformer on LSJ. One suggestion was that we purchase and =nstall an industrial grade current transformer(CT) monitor at the main =eeder capable, to meter the power in real time and send it to a web =erver for review.

What do you =hink about this idea?

Thanks,

Jeanne

From: [REDACTED] Sent: Monday, December 03, 2012 3:59 PM
To: =Ottaviano, Jeffrey'
Cc: 'Lonkevych, Mark'; 'Sattler, =ouglas'; 'Mark White'; 'Erika Kellerhals'; 'Cecile de Jongh'; 'Richard =ahn'; 'brice gordon'; 'Darren Indyke'
Subject: RE: LSJ =olar

Jeff,

Please see attached; =APA bills, schematic of the electrical system and the generator =pecs. I will follow with additional requests. =o:p>

Any additional information or questions let me =now.

Best,
Jeanne

From:=/ [REDACTED]
Sent: Wednesday, November 21, 2012 =:25 AM
To: Jeanne Brennan
Cc: Lonkevych, Mark; =attler, Douglas; Mark White; Erika Kellerhals; Cecile de =ongh
Subject: RE: LSJ =olar

Jeanne,

An excel history will be fine for now, but can you at least send us the latest copy of a bill so that we can see if there are any time-of-use and/or demand charges. That type of data helps in our equipment sizing calculations.

Thanks again,

Jeff

Jeff Ottaviano

Toshiba International Corporation

200 Dryden Road, Suite #400

Dresher, PA 19025



From:=/b> Jeanne Brennan [REDACTED] >Sent: Wednesday, November 21, 2012 8:21 AM
To: ottaviano, Jeffrey
Cc: Lonkeyvych, Mark; Sattler, Douglas; 'Mark White'; 'Erika Kellerhals'; 'Cecile de Jongh'
Subject: RE: LSJ Solar

Jeff,

Thanks for the follow up. We will compile the necessary information requests. =o:p>

Do you prefer a copy of the electricity bills or an excel history of readings and usage?

Happy Thanksgiving to all.

Jeanne

From:= [REDACTED]
Sent: Tuesday, November 20, 2012 3:48 =M
To: jabwcpa@gmail.com
Cc: =onkevych, Mark; Sattler, Douglas; Mark White; Erika =ellerhals
Subject: LSJ =olar

Jeanne,

Thank =ou for your time this afternoon and please forward this message to =nyone on your team that should have a copy.

TIC =ill perform a preliminary feasibility study of solar energy production =n LSJ Island. We are familiar with the challenges of designing =nd building solar in the Caribbean and have developed cost effective =olutions to meet these challenges.

Our =initial thoughts are that a solar PV plant sized to meet the entire =eeds of the island would most likely be the best solution. This =ill require that we know as much about the electricity consumption and =eneration capabilities as possible. Please, provide us with 12-24 =onths of VIWAPA electricity bills and if possible any interval or =ime-of-use data on consumption. This data may be available from =trip charts or data logging of the generators when they were =unning.

We would also like to have the name plate data on =he generators and a single line diagram of the electrical =ystem.

Also, please indicate on a map where we can locate =he solar array and battery station.

Thank you and have a Happy =anksgiving,

Jeff

Jeff =ttaviano

Toshiba International =orporation

