
From: Jeanne Brennan <[REDACTED]>
Sent: Monday, December 31, 2012 2:51 PM
To: 'J Epstein'; 'Brice Gordon'
Cc: 'Richard Kahn'; 'Cecile de Jongh'
Subject: FW: LSJ Solar

See note from Toshiba. Their schedule to be in USVI has not been finalized and at this point will be postponing their site visit of Jan 7-11

As soon as I have their proposal I will forward.

From: Ottaviano, Jeffrey [mailto:Jeffrey.Ottaviano@tic.toshiba.com] Sent: Friday, December 28, 2012 6:31 PM
To: abwcpa@gmail.com
Cc: Creighton, Jim; [REDACTED] Lonkevych, Mark
Subject: Re: LSJ Solar

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: Jeanne Brennan <[REDACTED]> Sent: Friday, December 28, 2012 12:23 PM
To: Ottaviano, Jeffrey
Cc: Creighton, Jim; 'Morris Anselmi'; [REDACTED] Lonkevych, Mark
Subject: RE: LSJ Solar

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: Ottaviano, Jeffrey [mailto:Jeffrey.Ottaviano@tic.toshiba.com]
Sent: Monday, December 10, 2012 4:02 PM
To: Jeanne Brennan

Cc: Creighton, Jim; Morris =nseimi; Lonkevych, Mark
Subject: RE: LSJ =olar

Jeanne,

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

Jeff

Jeff Ottaviano

Toshiba International Corporation

200 Dryden Road, Suite =400

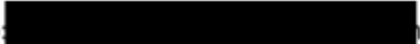
Dresher, PA 19025

866-810-9758 Ext. 44504


<http://www.toshi=a.co.jp/sis/en/solar/index.htm>

From:=/b> =eanne Brennan [mailto:r>Sent: Saturday, December 08, 2012 9:39 AM
To: =ttaviano, Jeffrey
Subject: RE: LSJ =olar

Thanks =o:p>

From:=/b> =ttaviano, Jeffrey [mailto:]
Sent: Saturday, December 08, 2012 =0:04 AM
To: 
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: Jeanne Brennan [mailto:jeanne.brennan@lsj.com]
Sent: Saturday, December 08, 2012 06:53 AM
To: ttaviano, Jeffrey
Cc: [mailto:jeffrey.ttaviano@lsj.com]
Subject: RE: LSJ Solar

Jeff,

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

- * What is the loss at the transformer?
- * Do we need a time and use study?
- * 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: ttaviano, Jeffrey [mailto:jeffrey.ttaviano@lsj.com]
Sent: Saturday, December 08, 2012 8:17 AM
To: [mailto:jeanne.brennan@lsj.com]
Cc: [mailto:jeffrey.ttaviano@lsj.com]
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.

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: Jeanne Brennan [mailto: [REDACTED]] Sent: Saturday, December 08, 2012 06:05 AM
To: Ottaviano, Jeffrey
Cc: 'brice gordon' < [REDACTED] > Subject: RE: LSJ Solar

Jeff,

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

What do you think about this idea?

Thanks,

Jeanne

From: Jeanne Brennan [mailto: [REDACTED]] Sent: Monday, December 03, 2012 3:59 PM
To: Ottaviano, Jeffrey
Cc: 'Lonkevych, Mark'; 'Sattler, Douglas'; 'Mark White'; 'Erika Kellerhals'; 'Cecile de Jongh'; 'Richardahn'; 'brice gordon'; 'Darren Indyke'
Subject: RE: LSJ Solar

Jeff,

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

Any additional information or questions let me know.

Best,
Jeanne

From: Ottaviano, Jeffrey [mailto: [REDACTED]]
Sent: Wednesday, November 21, 2012 12:25 AM
To: Jeanne Brennan

Cc: Lonkevych, Mark; Sattler, Douglas; Mark White; Erika Kellerhals; Cecile de Jongh
Subject: RE: LSJ Solar

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



<http://www.toshiba.co.jp/sis/en/solar/index.htm>

From: Jeanne Brennan [mailto:j[REDACTED]] Sent: Wednesday, November 21, 2012 8:21 AM
To: Ottaviano, Jeffrey
Cc: Lonkevych, 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.

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

Happy Thanksgiving to all.

Jeanne

From: /b> ttaviano, Jeffrey [mailto:]
Sent: Tuesday, November 20, 2012 3:48 M
To:
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 nitial 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 hanksgiving,

Jeff

Jeff ttaviano

Toshiba International Corporation

200 Dryden Road, Suite 400

Dresher, PA 19025



<http://www.toshiba.co.jp/sis/en/solar/index.htm>