

Newman, Timothy Joseph

From: Krein, Philip T
Sent: Monday, April 13, 2015 11:18 PM
To: Newman, Timothy Joseph
Subject: FW: Comments from F&S

Tim,
This is probably the message you really need.
Phil

From: Walker, Scott [mailto:swalker@jranck.com]
Sent: Tuesday, December 23, 2014 6:54 AM
To: Krein, Philip T
Cc: Erickson, Keith R; Hahn, Fred; Larson, Greg O
Subject: RE: Comments from F&S

Thanks Phil,

We will be working on the details and send back after the holiday. We have placed the order for the Solarbridge.

Thanks again,

SCOTT WALKER | BUSINESS DEVELOPMENT DIRECTOR
J. RANCK ELECTRIC, INC.

Renewable Energy Division | *NABCEP Certified PV Installation Professional™*
Office (800) 792-3822 | Mobile (931) 207-4354 | www.jranck.com



From: Krein, Philip T [mailto:krein@illinois.edu]
Sent: Monday, December 22, 2014 10:47 AM
To: Walker, Scott
Cc: Erickson, Keith R; Hahn, Fred; Larson, Greg O
Subject: RE: Comments from F&S

Scott,

Confirming three items:

1. The Facilities and Services contact will be Fred Hahn, fjhahn@illinois.edu, 217-244-8989.
2. Yes, the SolarBridge products meet the general requirements and have advantages in terms of panel-by-panel control. They are acceptable. As you know, it will be important to determine how to interface them into the 480 V three-phase solar feeder provided, since they do not have this direct capability.
3. The conceptual drawing will need to better show east-west walkable paths. Please see some comments below from Fred.

Philip Krein

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From: Hahn, Fred
Sent: Monday, December 22, 2014 9:17 AM
To: Krein, Philip T
Cc: Erickson, Keith R; swalker@jranck.com
Subject: Comments from F&S

You are correct, Phil, we will need more detail, including:

- Dimensions
- Service walkways- with fall protection shown
- Path of access to service points- ladder, walking pavers on roof, etc
- Detail of securing supports to the roof. Looks like there should be lateral or racking braces.
- Structural calculations for wind loading. Note that we had PVs blown off the roof at BIF. Fortunately, no students or faculty were injured.

Please email and we can arrange a meeting to discuss further, if you wish.
Thanks!

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