## **Bryan Long**

From:

Weekley, David <dweekley@meagpower.org>

Sent:

Tuesday, April 16, 2024 8:03 AM

To:

Bryan Long

Cc:

Lego, Doug; Bragg, Randy; Sanders, Casey; Lee, Erik; Reyes-Hernandez, Angel; Yitna,

Rebika; McAdam, Gary; Bisig, Holly

Subject:

Sandersville # 8 - loading on transformer B

Importance:

High

## Bryan,

This is an email to follow up on our discussion yesterday for the loading pattern we have been seeing on transformer B at Sandersville #8. We talked back on March 15 when we asked that the customer make an effort to begin moving some of the load off of transformer B over to transformer C. We were told this would require significant work based on how the padmount transformers supplied by transformer B were loaded on the individual electrical panels supplying the customer's servers.

Based on the loading between transformer B and C, it does not appear that the panel schedules were planned so as to balance the loads more evenly between the transformers. We agreed to allow some grace period for the customer to continue loading transformer B to around 54-55 MVA while plans were made to move some of the load to transformer C. Now it seems that the loading for transformer B not only has not been limited as we had discussed, it has been increased. We have seen consistent loading from 55 up to 61 MVA. This is not following the spirit of what we had discussed.

The two critical pieces of data that we need to monitor are the top oil and winding hot spot temperatures. We are working on a project to bring this data back through SCADA. I asked you to run by the station yesterday and take a picture of these two gauges to allow us some insight on how this constant loading and increasing ambient temperature are impacting transformer B. I also asked that you call the customer, along with Tom Berry and Judy McCorkle if necessary, to emphasize the urgency of the loading on transformer B being addressed. It is important that this message be delivered, and action to transfer some of the load, or at least limit the peak allowed to no more than 55 MVA for transformer B, be addressed immediately.

Please deliver this message today at the latest, and take a picture of the transformer gauges today for top oil and winding hot spot to allow us some insight to how the transformer is doing under the current conditions. If we need to be available to discuss further with the customer or others, let us know.



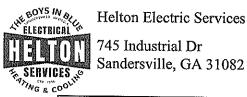
David Weekley

Director of Transmission Operations

Office: 770-563-0364 Mobile: 678-641-4273

Email: dweekley@meagpower.org

The information contained in this email is privileged and confidential information intended for the use of the addressee listed above. If you are neither the intended recipient nor the employee or agent responsible for delivering this message to its intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in relation to the contents of the email information is strictly prohibited. If you have received this email in error, please notify the sender immediately by telephone or reply email and destroy this email and any attachments.



Phone #	
4785530054	

## **Estimate**

Date	Estimate #		
5/14/2024	200832		
Project			
Rep			
WH			

## Web Site www.heltonelectric.com Name / Address City of Sandersville P.O. Box 71 141 W Haynes Street Sandersville, GA 31082

Description	Qty	Rate	Total
Clean Spark - \$28,350.00  ***Labor and Material to add the following to move load to different circuit.***		28,350.00	28,350.00
OVERHEAD DETAILS Frame 60' pole, double circuit and set inline. Air frame, 3 phase T-bracket, single phase T-bracket. Tie in all phases and neutral and bond the pole ground.			
Cut jumper on energized pole to temp single phase. Remove primary and neutral 2 spans to dead-end pole. Roll up all ACSR (two spans) and clean-up site. Remove transformer pole and 1 span of secondary.			·
Take 3 phase underground primary and install on new 60' pole and 1 phase primary on backside of new pole. Install riser on both runs of 1 phase primary and terminate all 4, 1 phase primary. Energize both circuits 3 phase and single-phase underground, check voltage and clean up job site.	78 THINA.		
UNDERGROUND DETAILS Bore to 1 phase transformer and install conduit. Fuse to existing conduit. Pull wire from new riser coole. Switch out existing wire from 3 phase to 1 phase transformer. Fuse 4" conduit and bore to new riser pole. Install 3 phase circuit to transformer and isolate primary to allow 2 transformers on different circuit.  ** Notes **			
nclude 811 locate (does not include private locate) ncludes all materials. ncludes removal of pole and wire delivered to city shop.			
ncludes removal of existing rock and respreading (does not include hauling new rock) ncludes hydro vac to expose existing utilities.			
	Ī		

A 3% discount has already been applied to this estimate for payment with cash or check. If paying with a credit card, the discount will be added back to the estimate total. Work to be performed M-F, 7a-5p unless stated otherwise. The undersigned acknowledges and agrees that by signing herein or performance by Helton automatically incorporates the Terms & Conditions located at <a href="https://heltonelectric.com/terms-and-conditions/">https://heltonelectric.com/terms-and-conditions/</a>. If for any reason these you are unable to access our terms and conditions thru our website, a printed copy can be made available to you per request. Estimate Prices may change based on material prices at time of approval.

By signing you accept this quote.

(name/ title)	(date)	
(signature)	Total	\$28,350.00