

From: [Urioste, David A.](#)
To: [Pierotti, Peter H.](#)
Subject: FW: Pad Mounted Transformer situation
Date: Wednesday, December 23, 2020 9:05:59 AM
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Per our conversation please see below.



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From: Russell Herring <russellh@banddindustries.com>
Sent: Tuesday, December 22, 2020 12:54 PM
To: Urioste, David A. <durioste@cabq.gov>
Cc: Darrick Easter <darrickeaster@yahoo.com>
Subject: Pad Mounted Transformer situation

External

David,

After meeting with PNM this morning here is what we came up with.

- There appears to be five total loads being fed from the existing transformer of these we were able to verify four of them. All of these loads are 480V and some are three phase while others are single phase.
- There is a new meter enclosure to the West of the gate that feeds a lighting control cabinet in the employee parking lot.
- There are two feeds that were un-metered and fed two lighting contactors for street lighting. One was fused at 100A and the other was fused at 50A. the 50A disconnect is 3PH and has three conductors but only two fuses were installed.
- There is a 480V metered load that we have not yet identified the location or utilization equipment. It has a single phase disconnect and appears to leave single phase.
- There is a contactor mounted in the cabinet for another load that appears to be single phase and we don not know what the utilization equipment is.
- PNM has a service agreement already in place for the equipment that was installed and going

to be part of the RON project.

- This equipment was not ever connected.
- The two parallel 4" conduits were never ran into the transformer and are in the ground.
- We believe that the quickest method to get the loads re-energized is to have PNM demo the existing metering section and transformer.
- B&D will then demo the old concrete pad and run the new parallel 4" conduit into the new transformer secondary.
- PNM or B&D can replace the damaged primary conduits after PNM pulls the old damaged primary conductors out of the conduit.
- B&D can then provide and install a new pre-cast concrete transformer base.
- B&D can get with Molzen Corbin to add the new loads to the new service so PNM can re-connect.

Thanks,

Russell Herring

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