

Douglas, Tina (PUC)

From: PUC Docket Filings
Sent: Friday, December 17, 2010 5:05 PM
To: Douglas, Tina (PUC); Van Gerpen, Patty; Axthelm, Demaris; Grambihler, Anissa; Mohr, Leah; Harmon, Stephanie
Subject: FW: Existing Docket Filing

From: Steve Wegman[SMTP:WIND@PIE.MIDCO.NET]
Sent: Friday, December 17, 2010 5:04:51 PM
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Docket Number: RM10-001 Last Name: wegman First Name: steve Company: individual
 Address: 125 s madison City: pierre State: sd Zip: 57501 Phone: 605 295 1221 Fax: Email:
 wind@pie.midco.net Comments: I would like to add these comment to your draft rules
 regarding 20:10:17:06 Adjustment of Bill for slow or fast meter error After reviewing it
 appears the South Dakota Public Utilities Commission rules do not cover poly phase or three
 phase electric meter installation. There is large difference between single phase meter
 installations vs three phase meter installation. Single phase meter are mostly self contained,
 and plug into meter base and the volts and current run through the meter itself. Three phase or
 poly phase electric meter incorporates meter housing similar to single phase meter along with
 current and potential transformers that are remote from the electric meter. There is one
 potential and one current transformer for each leg being monitored. The current and potential
 transformers need to be certified the Commission rules only address the meter not the
 installation and certification of poly phase or three phase metered system. The rules do not
 reference who certifies the meter installation, is it ASTM standards, IEEE rules, or is something
 that each electric utility have their own standard? The only other comment is how is the meter
 ratio determined in poly phase or three meter installation?

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