

AZ VEE Working Group Issues List

| # | Issue | Issue Date/Issue ID by | Discussion | Status/ Status Date | Status |
|-------|---|------------------------|---|--|---|
| VEE 1 | <p>Reference VEE Strike through Document 3.3.2)</p> <p>Pass/Fail Criteria: How will the MRSP know the time meter has failed Time Tolerance for three (3) consecutive months; requires the meter to be physically inspected and or tested?</p> <p>How will this be enforced?</p> <p>Can a code be used on 867 for this in order to track this?</p> | 05/25/00 – VEE Group | <p>This is listed in the VEE document and the group is would like to review how this is being done enforce etc. Action items set for this issue</p> <p>Most data is monthly data</p> <p>4% failures doing the spike check</p> <p>MV90 does not give override option</p> | <p>Vote will be taken on Thursday, 8/17/2000.</p> <p>Rule in the VEE stands as is.</p> | Closed |
| VEE 2 | Are there formal procedures for meter testing and exchange of data? | 05/25/00 – VEE Group | Group is not clear if these are in place and if the data exchange is formalized | 7/19/200 – Transfer to Metering Group | Transferred To Metering |
| VEE 3 | Can an external meter device be used to record pulses? (Meter would still have the display required (??) But the read is not encoded to the recorder. | 05/25/00 – VEE Group | Group is not sure if this question has been addressed – Equipment Issue | <p>7/19/2000 – Transfer to Metering</p> <p>9/26/00 This issue is still pending as it relates to sum check. The group adjusted the language to perform a sum check on meters without an external recorder until the recorder issue in metering is resolved</p> | Transferred To Metering Pending |
| VEE 4 | How does the MRSP keep at an interval level the algorithm used to estimate? | 05/25/00 – VEE Group | This is in the VEE document and not sure how the MRSP manages this information | <p>Reference- Section 4.2 in VEE Document</p> <p>MRSP keeps running log.</p> | Resolved |
| VEE 5 | Should the UDC pass the customers “irregular” load status to the ESP? | 05/25/00 – VEE Group | <p>This information is not known by the ESP the VEE rule editing in progress provides the MRSP this option, unresolved APS does not know to enable to identify</p> <p>Co-ops – No problem</p> <p>SRP – No Code</p> | 9/12/00 Accounts are not coded so there is no data to pass | Priority 1 Closed |
| VEE 6 | <p>Cumulative Register Reading</p> <ul style="list-style-type: none"> • If the meter is calibrated to current ACC administrative code standards, this would be sufficient for billing, except for TOU type rates. • Suggestion that all meters have cumulative register capabilities – this would be the first step and the best validation procedure. • Compare cumulative to sum of intervals and if it falls within an acceptable percentage, stop. | 05/25/00 – VEE Group | <p>This in response to solicited comments on the VEE Rules and Procedures</p> <p>7/18/2000 – TOU – to verify data matches up to a read – On/off peak by load shape</p> | <p>9/12/00 Pending</p> <p>This will be addressed when the non-interval rules are reviewed.</p> | Pending |

AZ VEE Working Group Issues List

| # | Issue | Issue Date/Issue ID by | Discussion | Status/ Status Date | Status |
|---------------|--|-------------------------|--|---|------------------------|
| | If for some reason the metering equipment failed, then provide some means of estimation. | | | | |
| VEE 7 | What impact does the VEE rule/revision have on the existing rule for the MSP – operating procedures | 7/18/00 – VEE Group | Working on document and need to verify if anything needs to be changed at the commission level when finished | 9/12/00 Pending-Finalize 4.3 and send out draft, review and approve final draft | Pending |
| VEE 8 | How will the Block assignment for the customer be passed to the ESP? | 07/18/00 – Janie Mollon | Who should be assigned the formal task – This is and issue in CA and needs to be addressed in the future | Pending | Priority 3 Closed |
| VEE 9 | Documentation on procedure when a final bill will be estimated. | Stacy w/APS 7/18/00 | Discussed at next meeting | Send to Billing | Transferred to Billing |
| VEE 10 | Documentation on procedure if MRSP fails to provide data (i.e., bankruptcy, meter etc.) | Stacy w/ APS 7/18/00 | Discussed at next meeting | Send to Billing | Transferred to Billing |
| VEE11 | Re-billing – Dollar amount issue | 7/18/00 – VEE Group | If estimated data was received and MRSP received correct data and it was in a certain amount would the UDC re-bill. | Sent to Billing-Re-posting Issue | Transferred to Billing |
| VEE12 | When is data deemed UN-collectable and timeline for re-posting | Janie 7/18/2000 | 9/12/00 Next month | Pending | Pending |
| VEE13 | 0 Values in intervals to be validated by MRSP and the process and why we are receiving them | 7/18/00 - VEE Group | 9/12/00 What process does the MRSP use to validate 0 values in interval reads and what does the ESP do with the files when they receive such file. | 9/14/00 APS presented the need for this process. The group discussed and consensus was that the UDC have the right to question the data | Closed |
| VEE 14 | How/When are they running monthly versus daily VEE verification processes | 7/18/00 – VEE Group | What are their processes? The VEE document addresses these issues throughout the VEE Rules | Resolution The table in the VEE rules addresses this issue | Closed |
| VEE 15 | Re-running of validation after estimates – What is the processes etc. | 7/18/00 – VEE Group | What are the MRSP's doing to validate the missing reads and what are they doing to validate this | 9/12/00 Added rule on 3.6 Pending resolution up on approval of VEE Document | Resolved |
| VEE16 | Certification procedures | 8/15/00 – VEE Group | No comments | 9/12/00 Group will cover in the Oct VEE Meetings | Pending |
| VEE17 | Performance standards and performance monitoring sanctions established and enforcement processes defined. | 8/15/00 – VEE Group | No comments | 9/12/00 Group will cover in the Oct VEE Meetings | Pending |
| PSWG Issue 25 | What specific VEE rules should utilities use on an ongoing basis to verify and bill off of incoming MRSP reads. (PSWG – Billing) | | 01/26/00 Since MRSPs use different algorithms, it's difficult for utilities to determine if MRSPs are performing VEE on | 9/12/00 The VEE Rules being refined will govern this issue. | Resolved |

AZ VEE Working Group Issues List

| # | Issue | Issue Date/Issue ID by | Discussion | Status/ Status Date | Status |
|---------------|---|------------------------|---|---|---------|
| | | | <p>an ongoing basis. If utilities use their own VEE systems to verify reads it may cause invalid rejections.</p> <p>02/01/00 What are the Utilities responsibility to audit MRSPs? Rules state this certification must take place yearly.</p> <p>04/27/00 A sub/subgroup was formed to review existing VEE rules, develop objectives, changes and proposals (if needed), develop performance measures and monitoring criteria. TEP - Tony Gilloly, APSES, New West Energy - Janie Mollon, C3 Comm, CSC, APS, SRP - Greg Carrel, a representative from the Co-ops (possibly Barry Scott), and possibly First Point. Renee Castillo volunteered to chair this sub/subgroup and will set up a meeting with these participants.</p> <p>06/22/00 Reassigned from Policy to Metering subcommittee</p> | | |
| PSWG Issue 41 | Who is responsible for validating that a meter can be read after a MSP has set a new meter? | | In CA, it's a requirement from CPUC (Rule 22), the ESP is | 9/12/00 This will be covered when Performance monitoring is developed | Pending |

AZ VEE Working Group Issues List

| # | Issue | Issue Date/Issue ID by | Discussion | Status/ Status Date | Status |
|--------------|---|------------------------|---|---------------------|---------|
| | | | <p>responsible for ensuring newly installed meter can be read prior to 1st billing by MRSP or face penalties.</p> <p>02/03/00 (First Point) This is usually done at the meter install time.</p> <p>04/27/00 To be addressed in the VEE sub/subgroup.</p> | | |
| VEE Issue 18 | On totalized accounts what data is expected? Recorder? Sub-meters or both? | 9/12/00 APS | 9/12/00 Action item for October meetings | 9/12/00 Issue added | Pending |
| VEE Issue 19 | Should the process for reconciling data for re-estimation and timing be standardized? Cost? | 9/26/00 | 9/26 This was discussed as a result of the settlement discussion on when estimation would occur for settlement purposes. TEP presented their process on a timeline example which prompted this issue. | | Pending |