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Detailed Design

Pacific Gas and Electric Company

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| Eder & Weber  (Test Case Document) | |
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| Project | *Managed Service* |
| Line of Business or Department | *Electric Distribution* |
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| Date | 27/10/2016 |
| Version | *1.0* |
| Version Type | *Draft* |
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Document Control

**Change History**

| **Author/Contributor** | **Version** | **Date** | **Description of Changes** |
| --- | --- | --- | --- |
| Tripti Gupta | 1.0 | 27/10/2016 | Initial Draft version |
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# Introduction

Draft Version for ED Testing with PRI Underground TIE

# Testing Environment

# Test cases

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| --- | --- | --- | --- |
| **S.No.** | **Functionality** | **Expected Result/Steps** | **Final Result from Business (Passed/Failed)** |
| **1** | **Replace 4-way Junctions with Tie features (UG Pri Tie)** | | |
|  | Note – Following is an example. The actual results me differ based on input junction list.  If the 4 - way junction tool has already been run then go to step 4 directly. | | |
| 1 | Create Session in ArcFM | Step-1: Create session  Step 2: Open Edit session  Step 3: Select the workspace if prompted.  Step 4: The session should be active now. |  |
| 2 | Locate the existing junction feature on ArcMap and note trace results | Step 1: Locate the junction feature from the list on the map and run PGE Upstream trace   1. Consider Electric Junction feature {50060E77-F5CC-481D-BE82-600B9948789F}       Step 2: Trace results: |  |
| 3 | Run 4-WayJunction tool | Step 1: Set configuration values - CONN\_SDE\_FILE,SESSION\_NAME, LOGPATH, JUNCTION\_LIST\_CSV\_PATH, TIE\_FIELDS\_LIST\_CSV\_PATH  Step 2: Run the tool.  Step 3: Using the version changes tool, identify the changes ie the junctions which were deleted and the new tie features which got created. |  |
| 4 | Search for the junction feature which existed before should have been replaced with a Tie feature.  Validate the attribute values in the Tie feature | Step 1: Search for the Junction feature. It should have been deleted.    Step 2: Search for the Tie GLOBALID. Zoom in to the feature and validate attribute values |  |
| 5 | Execute trace on the Tie feature | Step 1: Run PGE upstream trace  Step 2: Trace results |  |
| 6 | Post Session In ArcFM | Step 1: Click on save session Step 2 :Click on Submit Session and submit to your self  Step 3 :Click On post Session  Step 4: Ensure Session is in Queue for posting  Step 5 : Ensure Session posted and can see changes in Arc map |  |
| 7 | Symbology Testing | Step 1 :Zoom to Area  Step 2: Ensure Symbology and Font appears ,Land base,Substations with names are available |  |
| 8 | Interface Testing | ED50,ED06,ED07,GDBM, Map Production . Test cases are mentioning in attached excel. |  |
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