Create EDGIS.FLISR\_DONOTBACKFEED table

# Document Change History

| **Author/Contributor** | **Version** | **Date** | **Description of Changes** |
| --- | --- | --- | --- |
| Derek Fletcher | 1.0 | 5/11/2020 |  |
| Derek Fletcher | 1.1 | 6/16/2020 | New process description |

# Stakeholder Details

| **Stakeholder** | **Title** | **LAN ID** | **Role Description for Design** |
| --- | --- | --- | --- |
| Derek Fletcher | ADMS Data Lead | DMFM | Project Manager |
| David Gonzalez | Dist Ops Engineer | DCGA | Technical Expert |

# Background

FLISR (or “Fault Location and Service Restoration”) is a term used to describe the practice of using automated logic in SCADA to isolate a faulted portion of a circuit and restore power to non-faulted sections in near-real time.

The ADMS project requires a new EDGIS table to serve as a lookup for non-reversible devices on FLISR circuits, meaning devices that should not be back-fed as a result of FLISR circuit reconfiguration. This was identified as a requirement for the buildout of FLISR capabilities in Schneider ADMS during the ADMS Network Model design sessions.

The data will be used by the ADMS FLISR application to prevent unwanted back-feed through a device during circuit reconfiguration as shown below.



# Business Benefit (place X next to selection, describe other)

Safety(); Compliance(); WSIP(); Ergonomics(); Data Quality(); Performance(); Other(x) ADMS Network Model Build

# Incident Number(s)

* [JIRA EGIS-345](https://jiraappprd01.comp.pge.com:8443/browse/EGIS-345) (Create EDGIS.FLISR\_DONOTBACKFEED table)

# Proposed Business Requirements:

* AC1: A new EDGIS table is created with the following name: EDGIS.FLISR\_DONOTBACKFEED
* AC2: The EDGIS.FLISR\_DONOTBACKFEED table should contain the following columns:

| Column Name | Alias | Data Type | Nullable |
| --- | --- | --- | --- |
| FEATUREGUID | Feature Global ID | CHAR (38) | No |
| FEATURECLASS | Feature Class | CHAR (60) | No |
| DATEMODIFIED | Date Modified | DATE (36) | No |
| LASTUSER | Last User | CHAR (15) | No |

# Changes Required

## Process Changes

This table will be maintained by mappers editing the EDGIS.FLISR\_DONOTBACKFEED via the process of adding a table to a session in ArcGIS and performing edits using Session Manager.

Desired changes will be communicated from FLISR Distribution Automation Engineers to Mappers through the Webviewer Map Correction process.

## Data Model Changes

Creation of the EDGIS.FLISR\_DONOTBACKFEED table in AC2.

## Data Changes

The table will be populated initially with a list of devices provided by the LOB.

## Changes to Stored Displays

### *Editor Stored Displays*

No impact.

### *Webviewer Stored Displays*

No impact – the attribute will not be made available in Webviewer.

## Map Production

No impact.

## Geomart

No impact.

## Interfaces

No impact – this table will be used exclusively by the future ADMS interface.

## SAP Considerations

No impact – this attribute has no impact on equipment maintenance.

## Schematics

No impact.

## Business Objects Reports

No impact.

## Field Asset Inventory (FAI) Impact

No impact.

## Application Changes

### Editor Application changes

No impact **-** the attribute will be maintained directly by FLISR/Automation engineers.

### Webviewer application changes

No impact – the attribute will not be made available in Webviewer.

### Page Templates

No impact.

## Change Management

### Mapping Support

No impact to Mapping – the attribute will be maintained directly by FLISR/Automation engineers.

### WebViewer Job Aid

No impact – the attribute will not be made available in Webviewer.

# Appendix A