

Connected Entity and MBR Submission/Filing Overview

12-7-2016

FERC HQ

Disclaimer:

This presentation represent staff opinions. Opinions expressed by staff do not represent the official views of the Commission.

PRESENTATION AGENDA

Agenda

1. High level process overview

Agenda

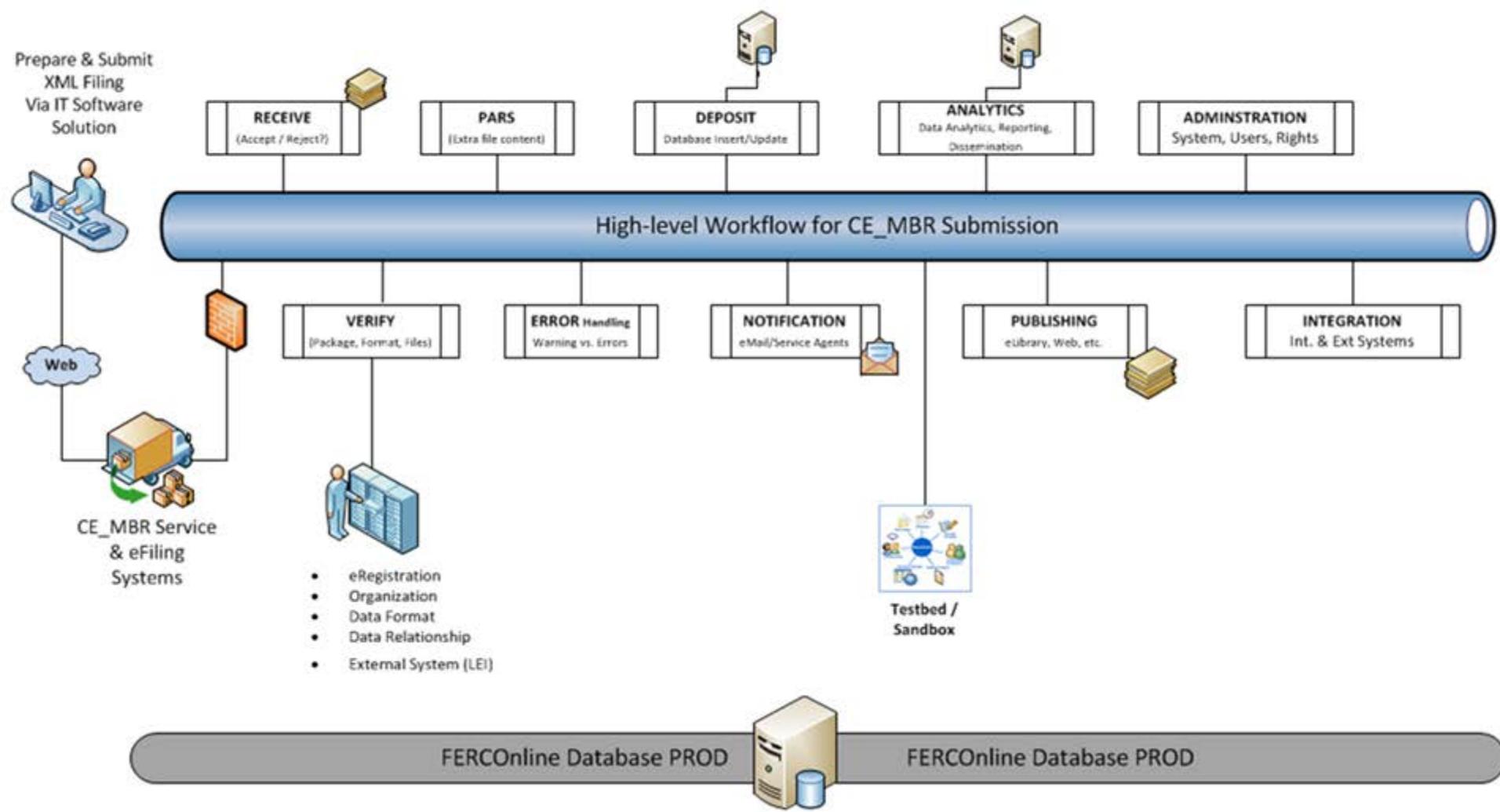
1. High level process overview
2. Services Model

Agenda

1. High level process overview
2. Services Model
3. Data vs Reporting

Agenda

1. High level process overview
2. Services Model
3. Data vs Reporting
4. Processes



SERVICES MODEL

Services Model

1. Easily access previously submitted data in XML form

Services Model

1. Easily access previously submitted data in XML form
2. Access public data submitted by others in XML

Services Model

1. Easily access previously submitted data in XML form
2. Access public data submitted by others in XML
3. Effectively query based on specific, relevant parameters (i.e. not docket)

DATA VS REPORTS

Data Service vs Reporting

- Data Services will return data in XML format

Data Service vs Reporting

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- Reporting functions combine data with formatting (e.g. a table with headers)

Data Service vs Reporting

- Data Services will return data in XML format
- Reporting functions combine data with formatting (e.g. a table with headers)
- Reporting also adds metadata (e.g. when the report was generated, serial number, etc)

Data Service vs Reporting

<agency>

<name>

FERC

</name>

<city>

Washington, DC

</city>

</agency>

Agency	City
FERC	Washington, DC

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PROCESSES

Processes

1. FERC Registration

Processes

1. FERC Registration
2. Obtaining IDs

Processes

1. FERC Registration
2. Obtaining IDs
3. Compiling Data in XML

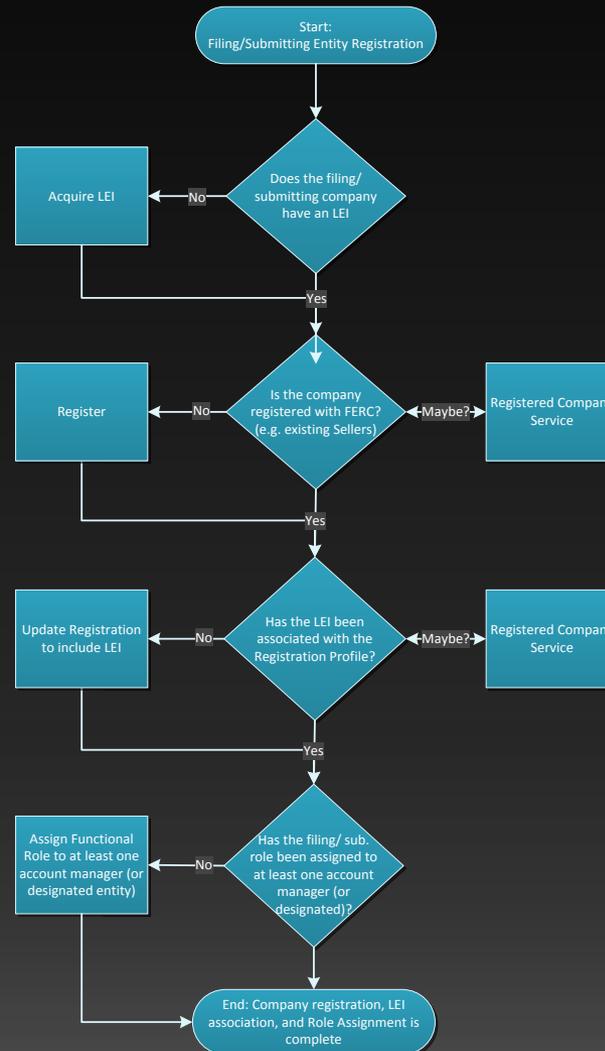
Processes

1. FERC Registration
2. Obtaining IDs
3. Compiling Data in XML
4. Validating Data

Processes

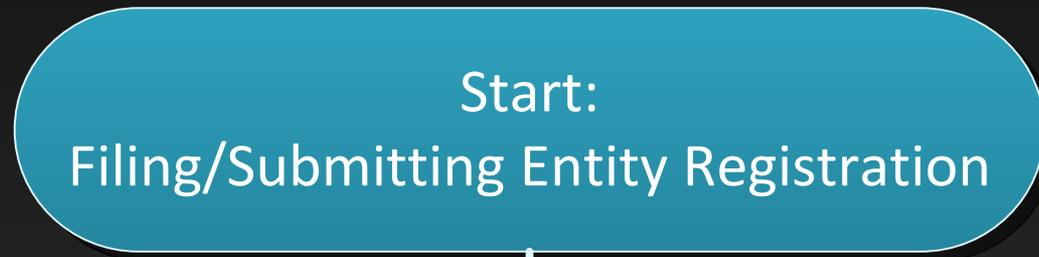
1. FERC Registration
2. Obtaining IDs
3. Compiling Data in XML
4. Validating Data
5. Submitting/Filing Data

FERC Registration

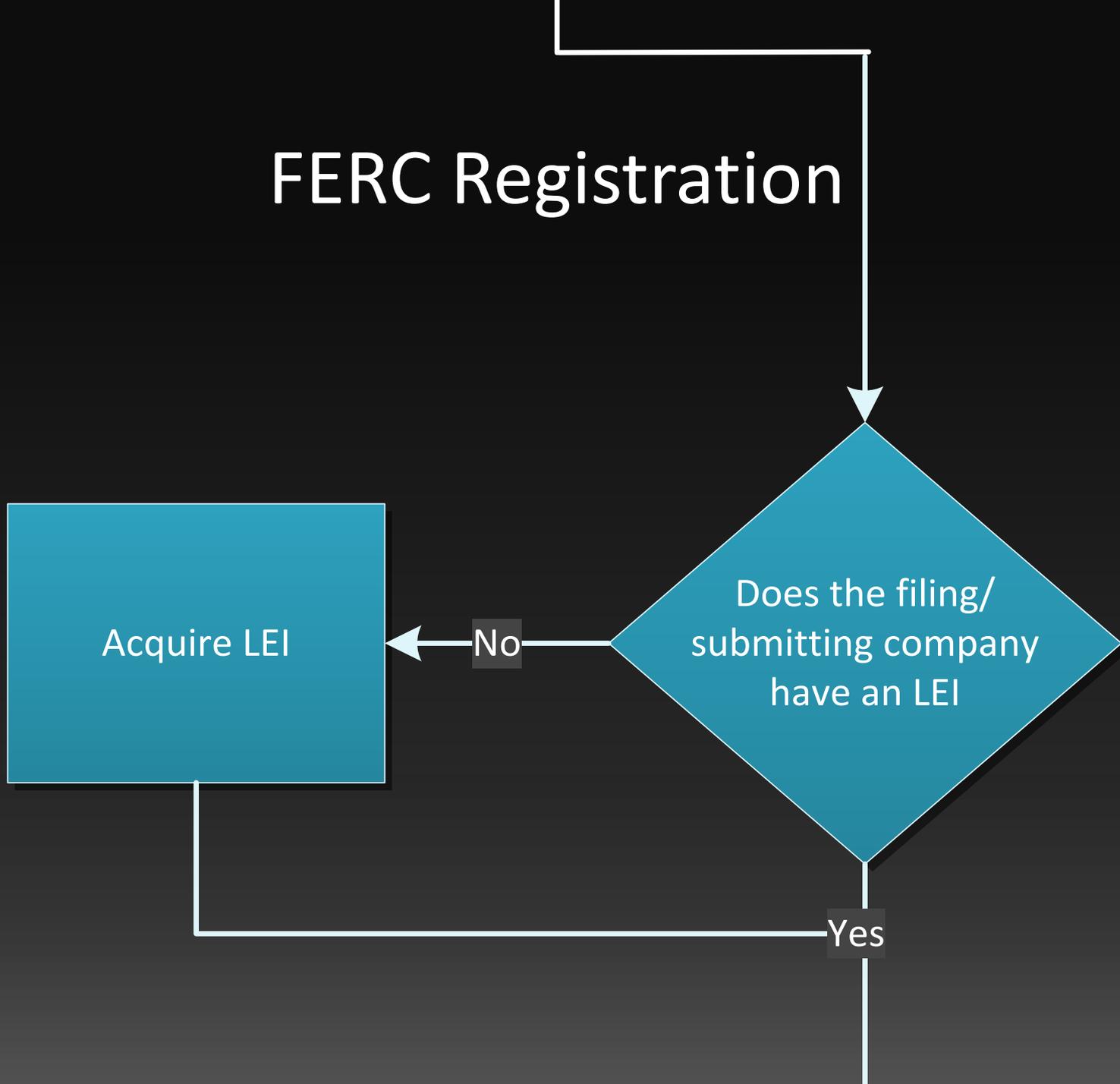


FERC Registration

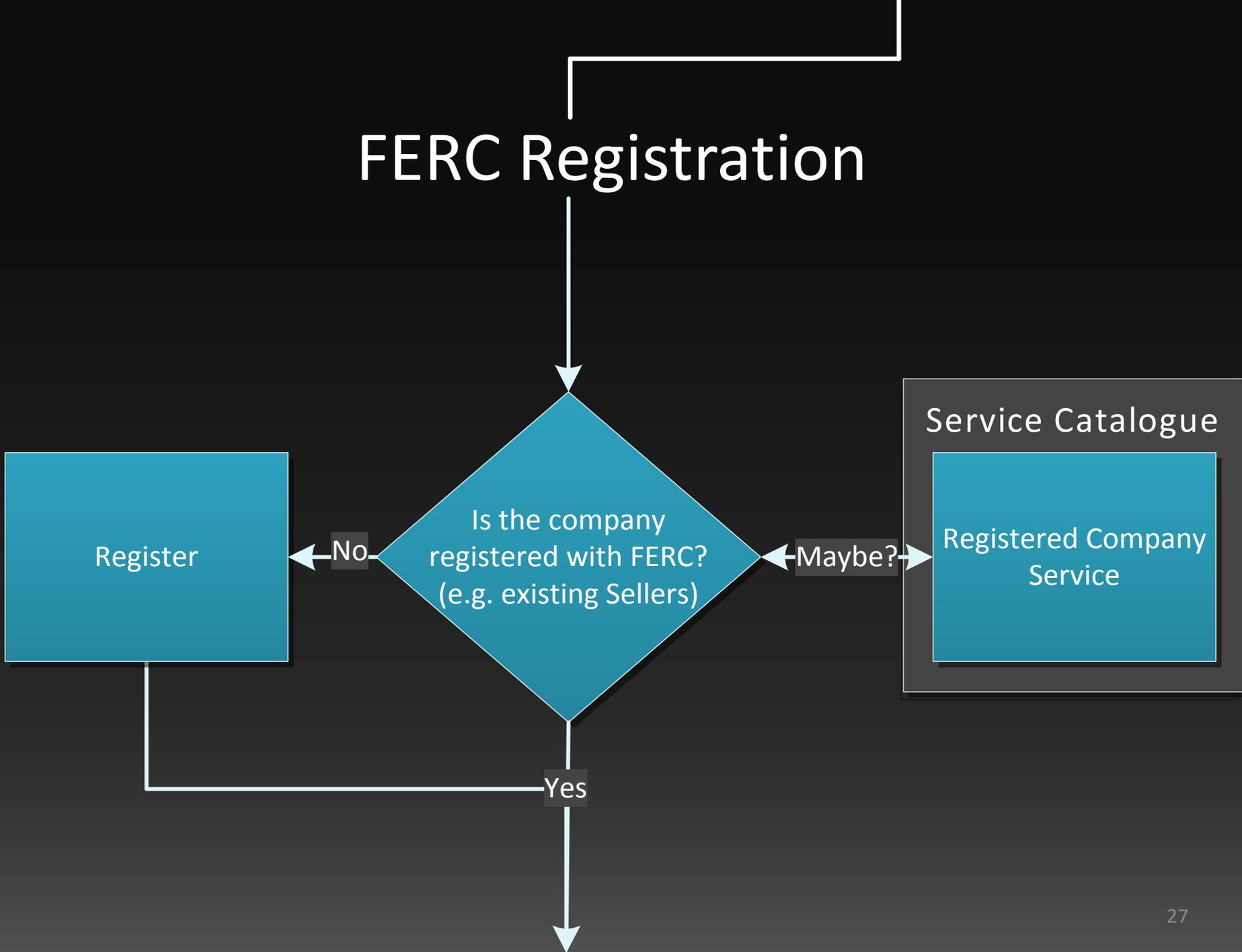
Start:
Filing/Submitting Entity Registration



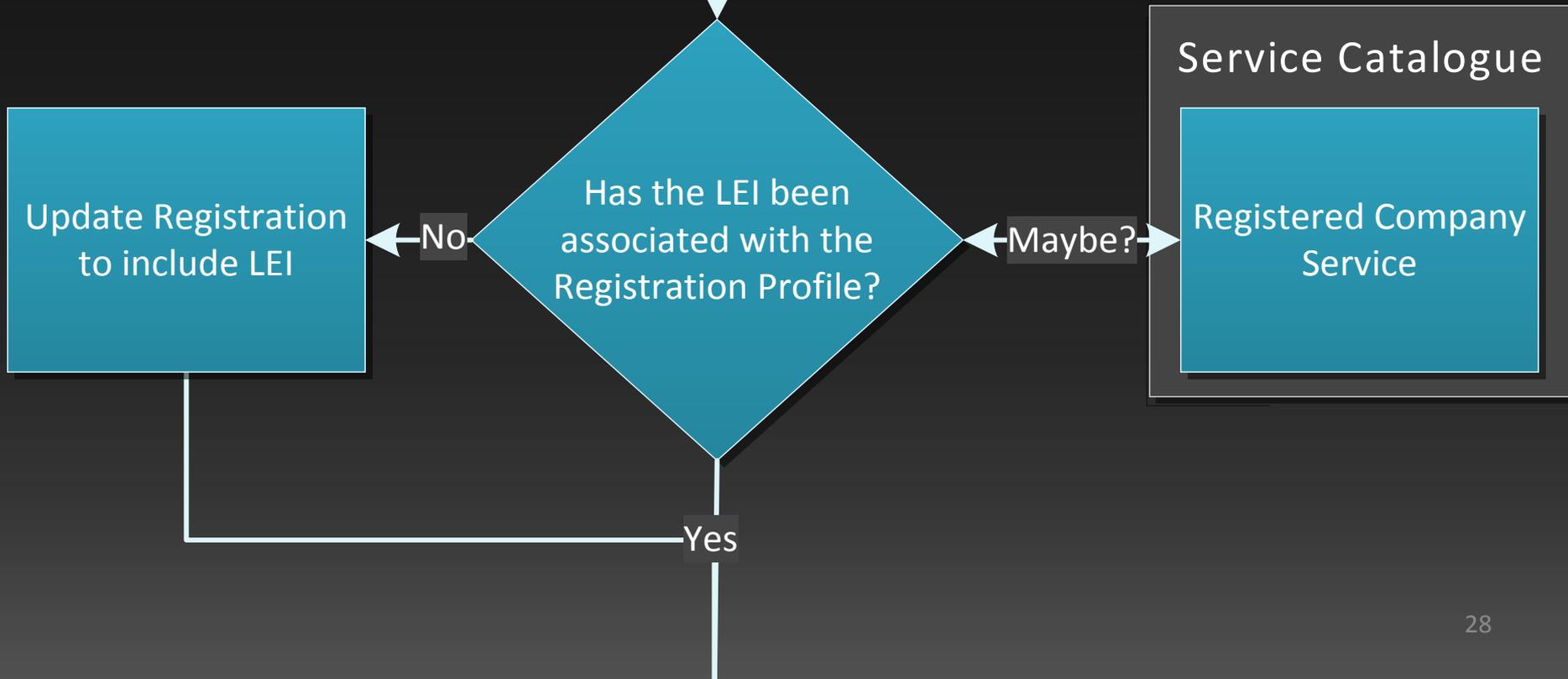
FERC Registration



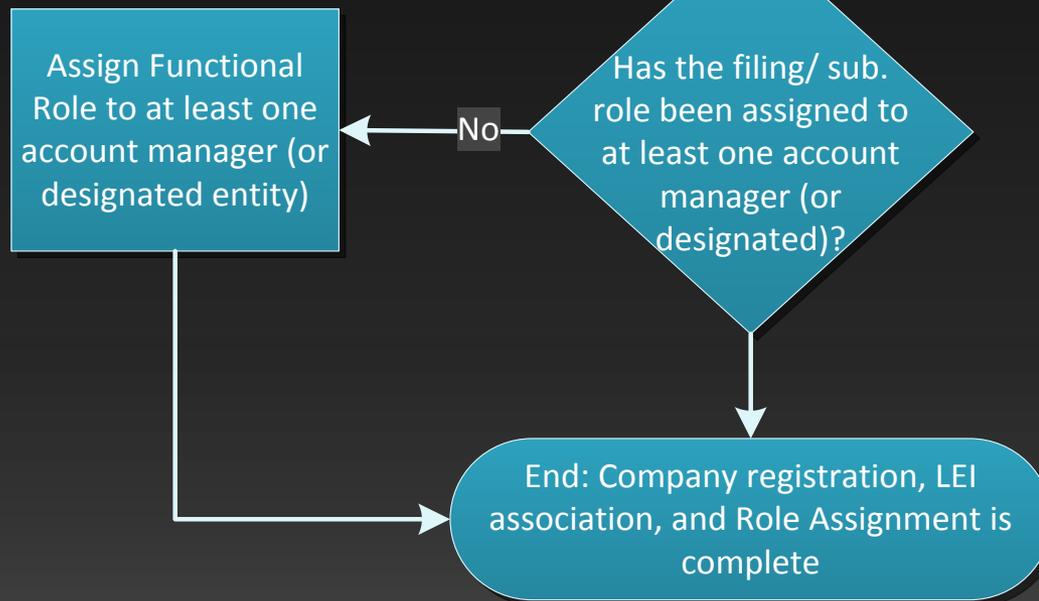
FERC Registration



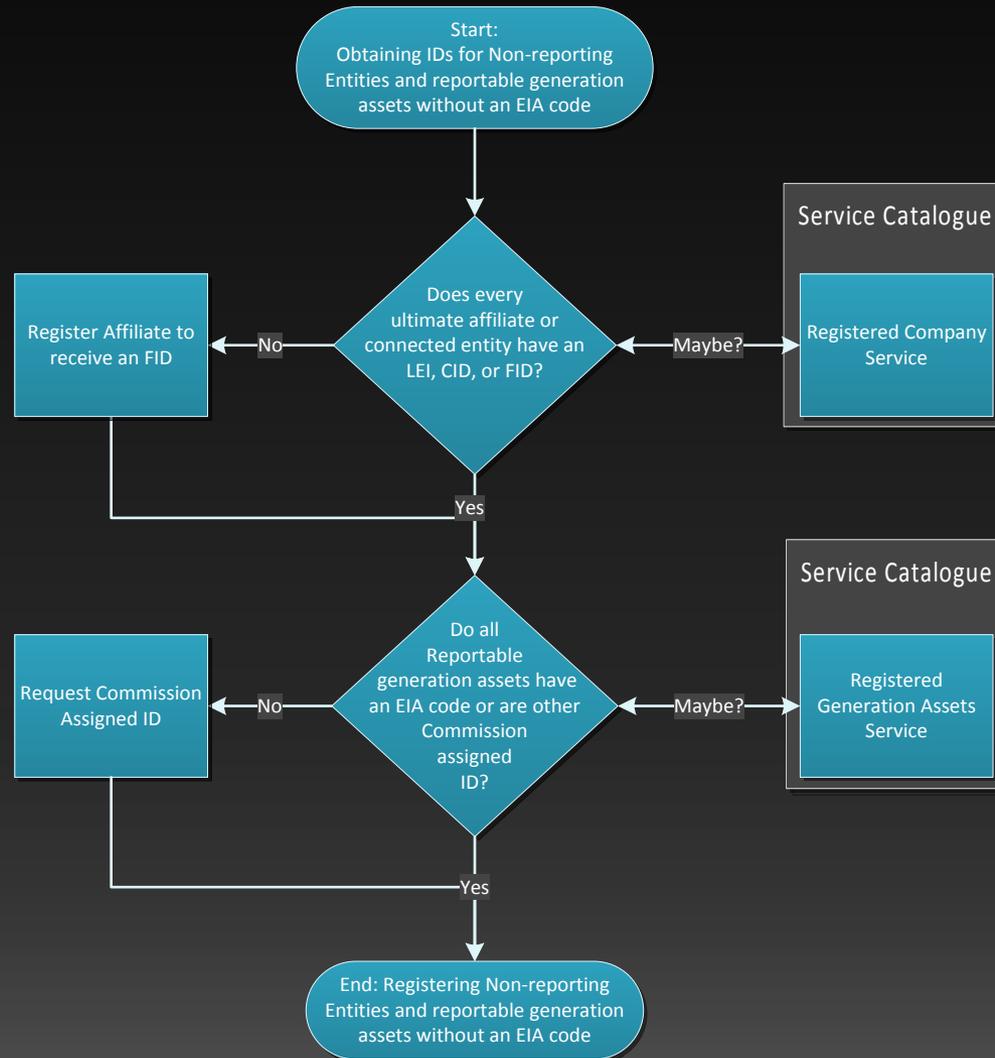
FERC Registration



FERC Registration



Obtain IDs

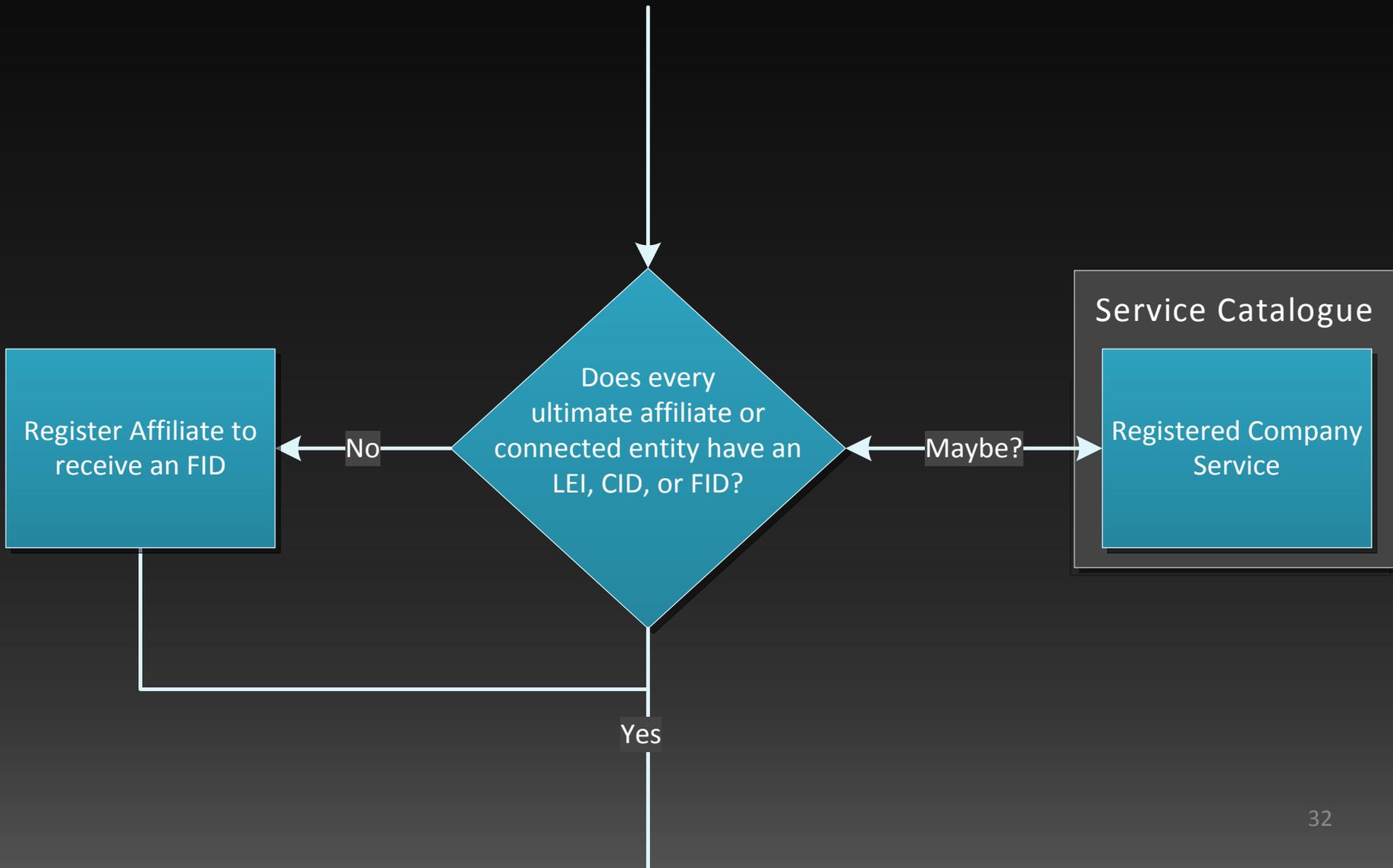


Obtain IDs

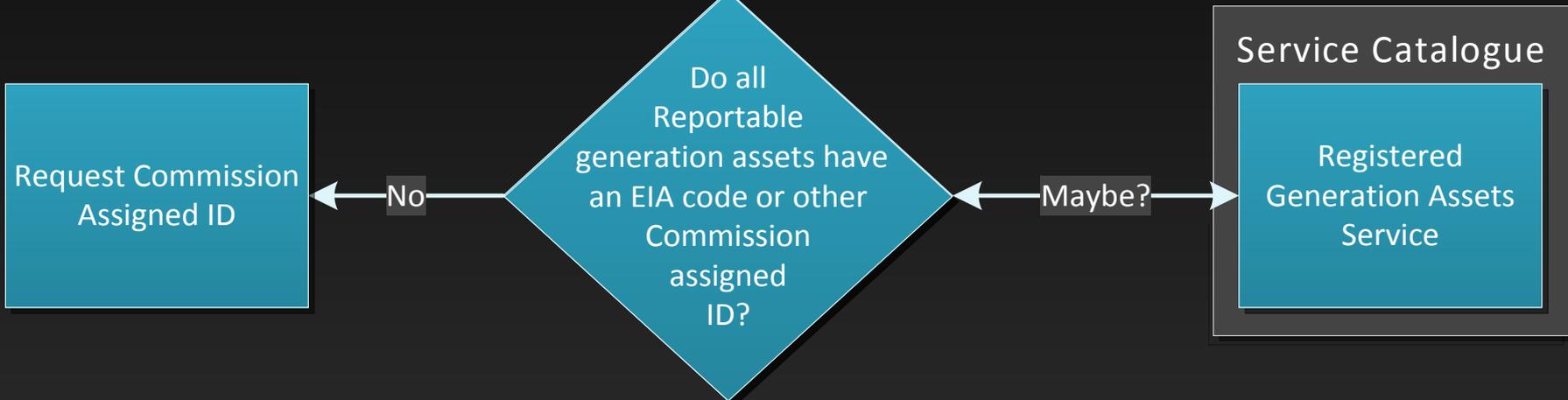
Start:

Obtaining IDs for Non-reporting
Entities and reportable generation
assets without an EIA code

Obtain IDs



Obtain IDs

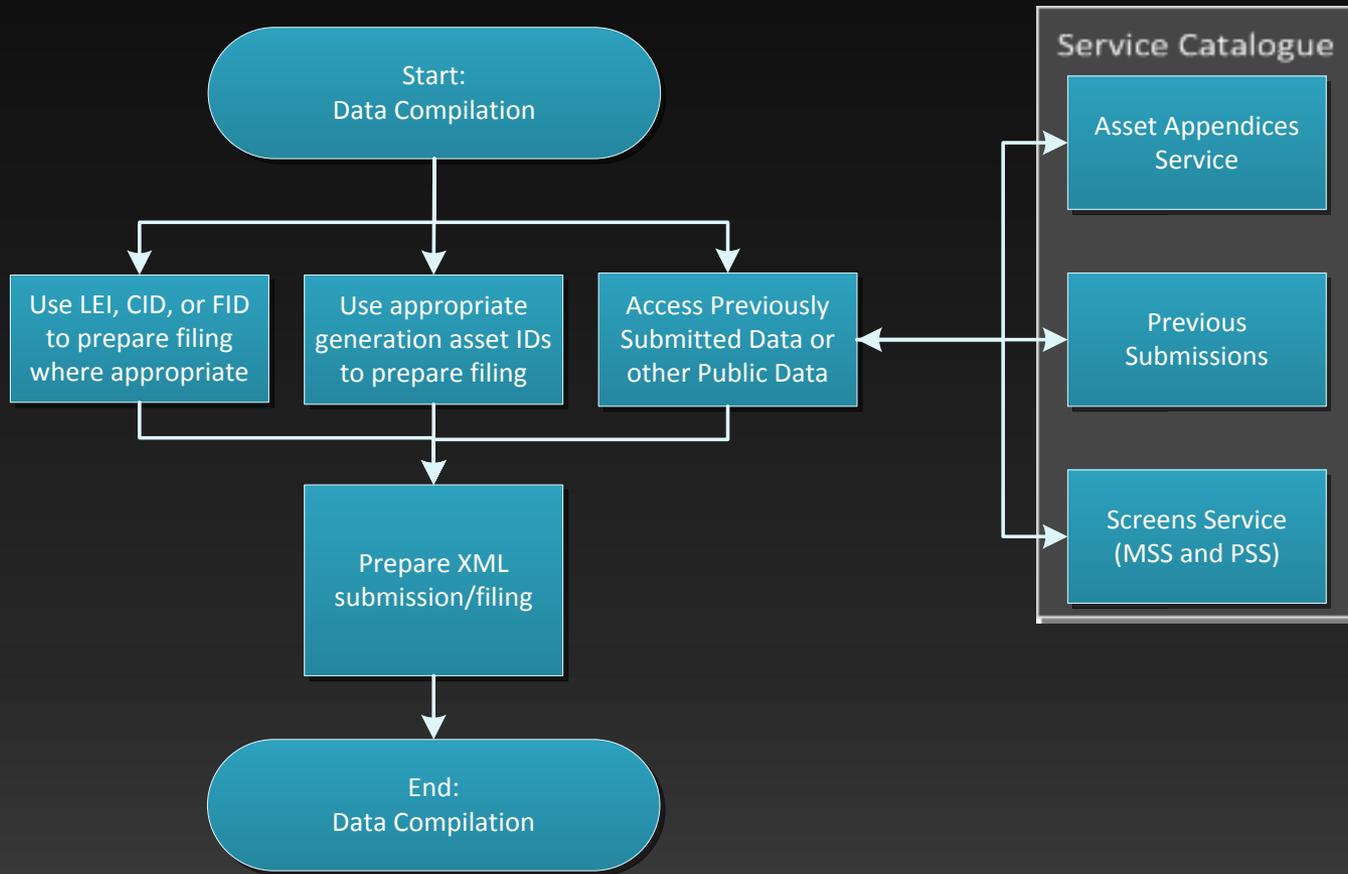




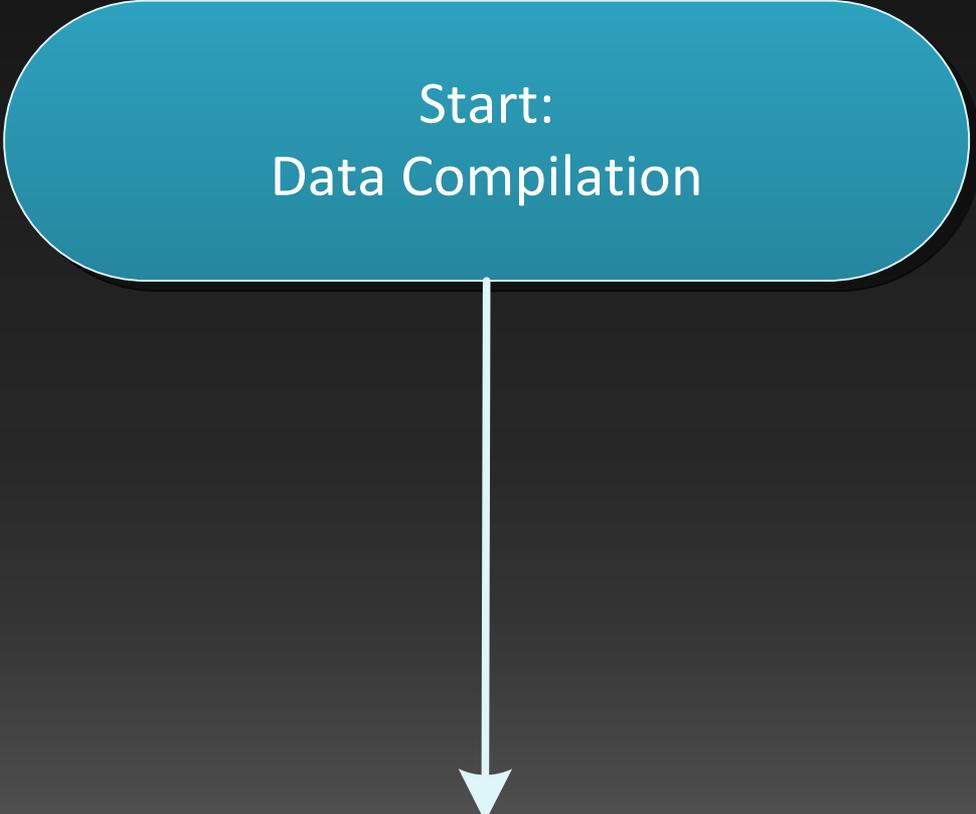
End: Registering Non-reporting
Entities and reportable generation
assets without an EIA code

Obtain IDs

Compile Data in XML

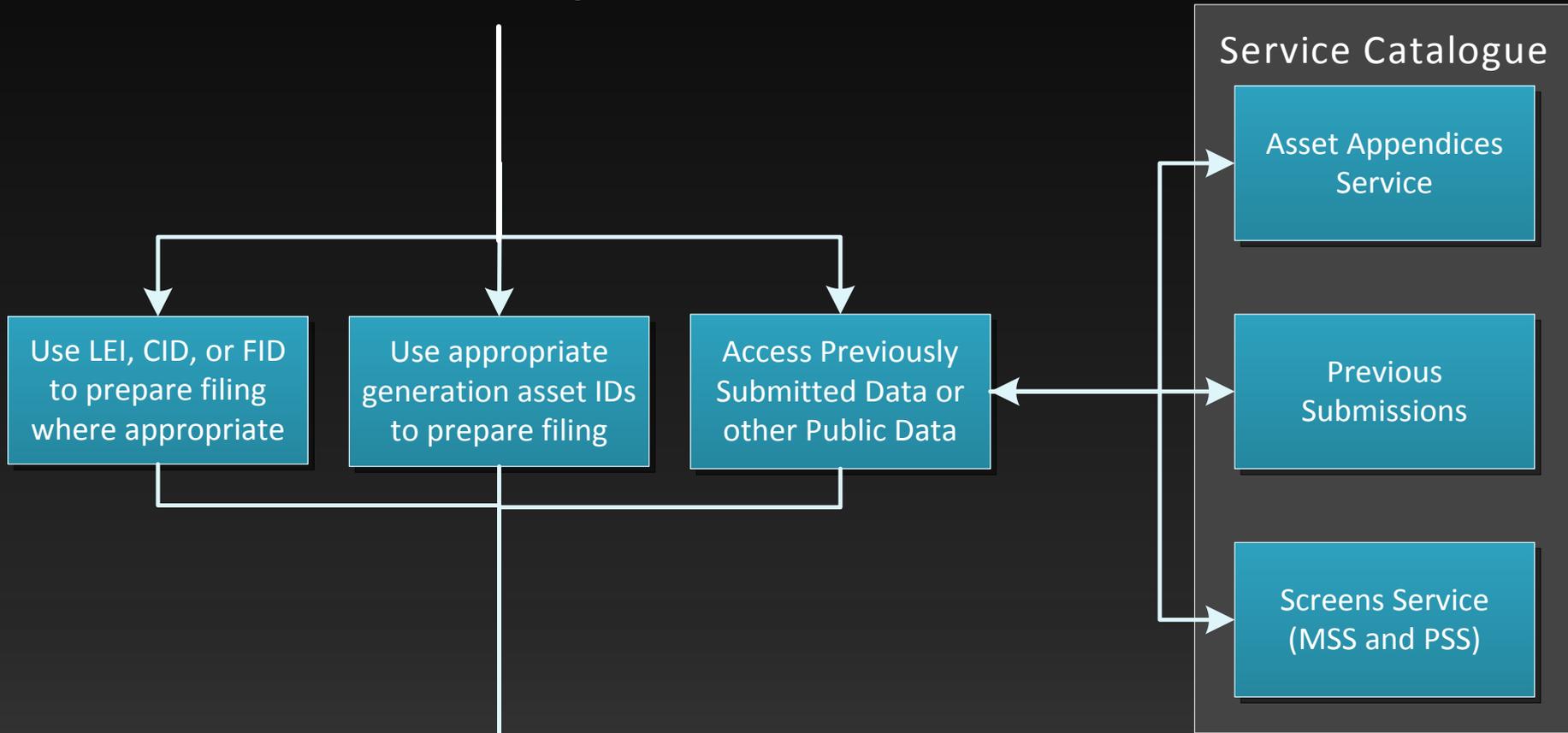


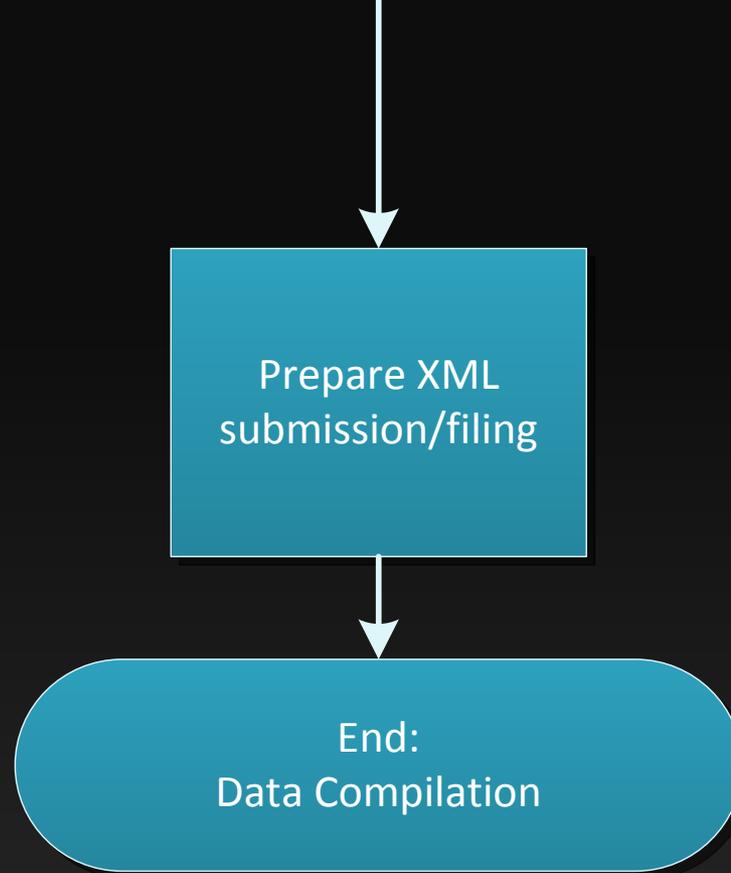
Compile Data in XML



Start:
Data Compilation

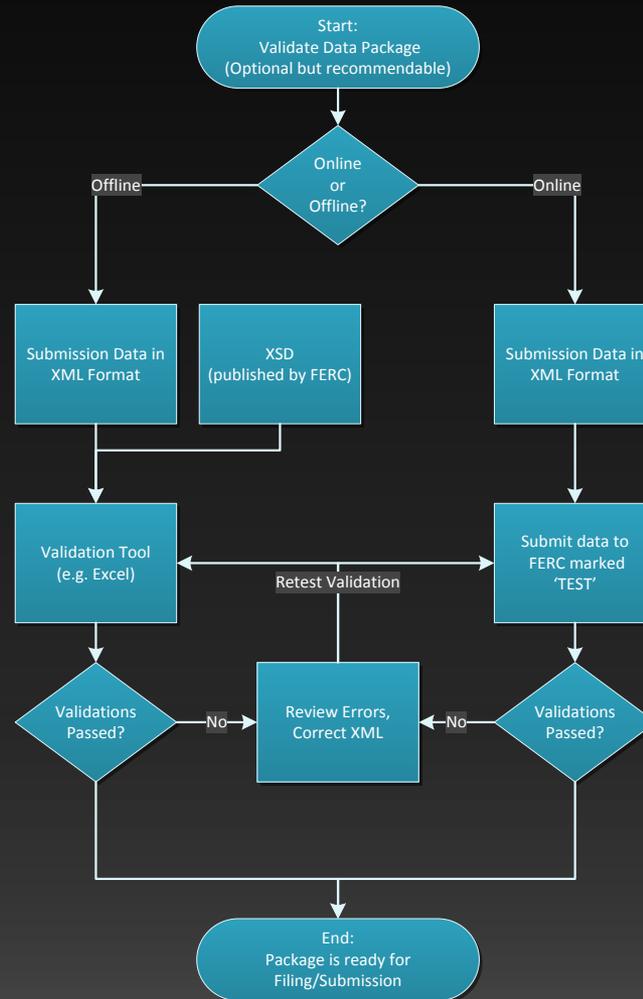
Compile Data in XML



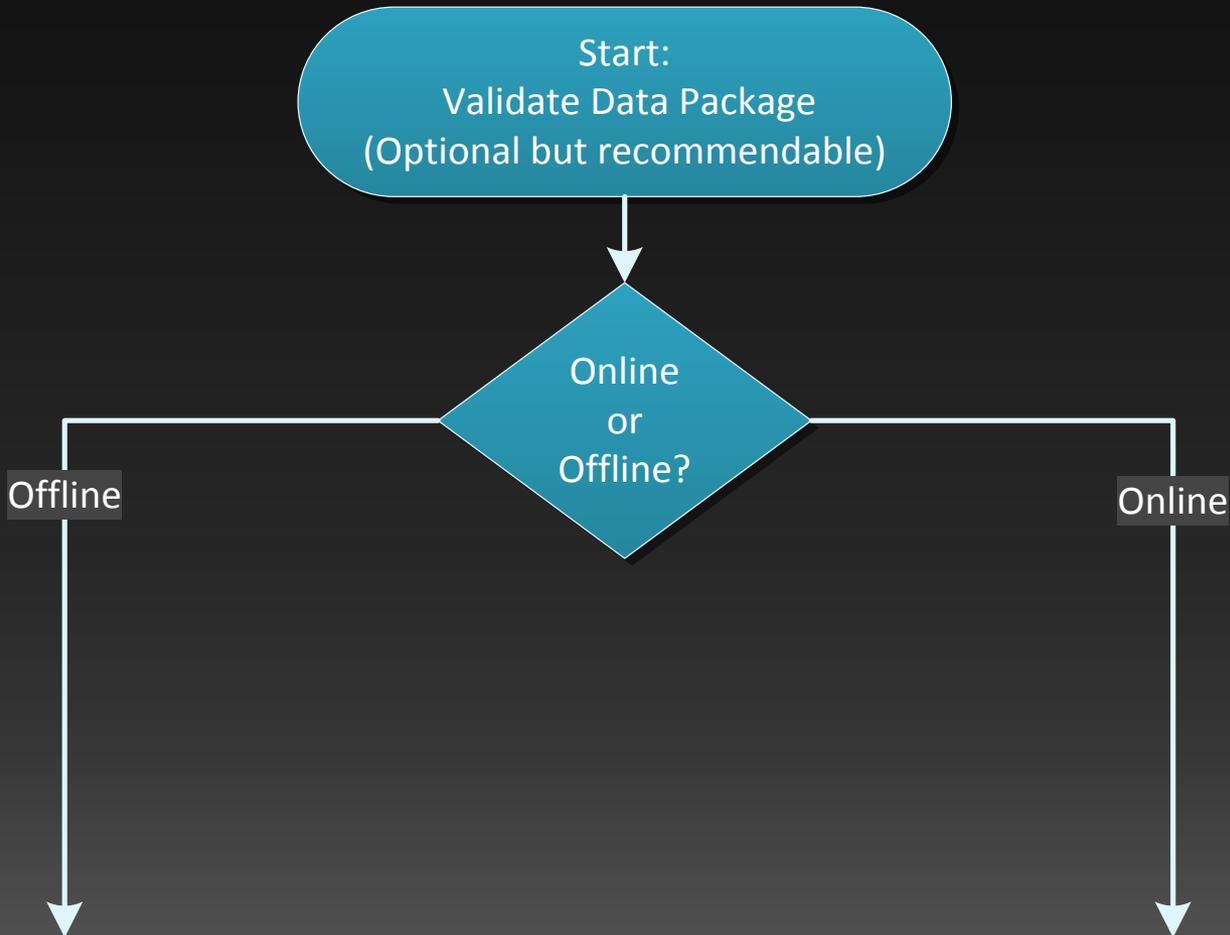


Compile Data in XML

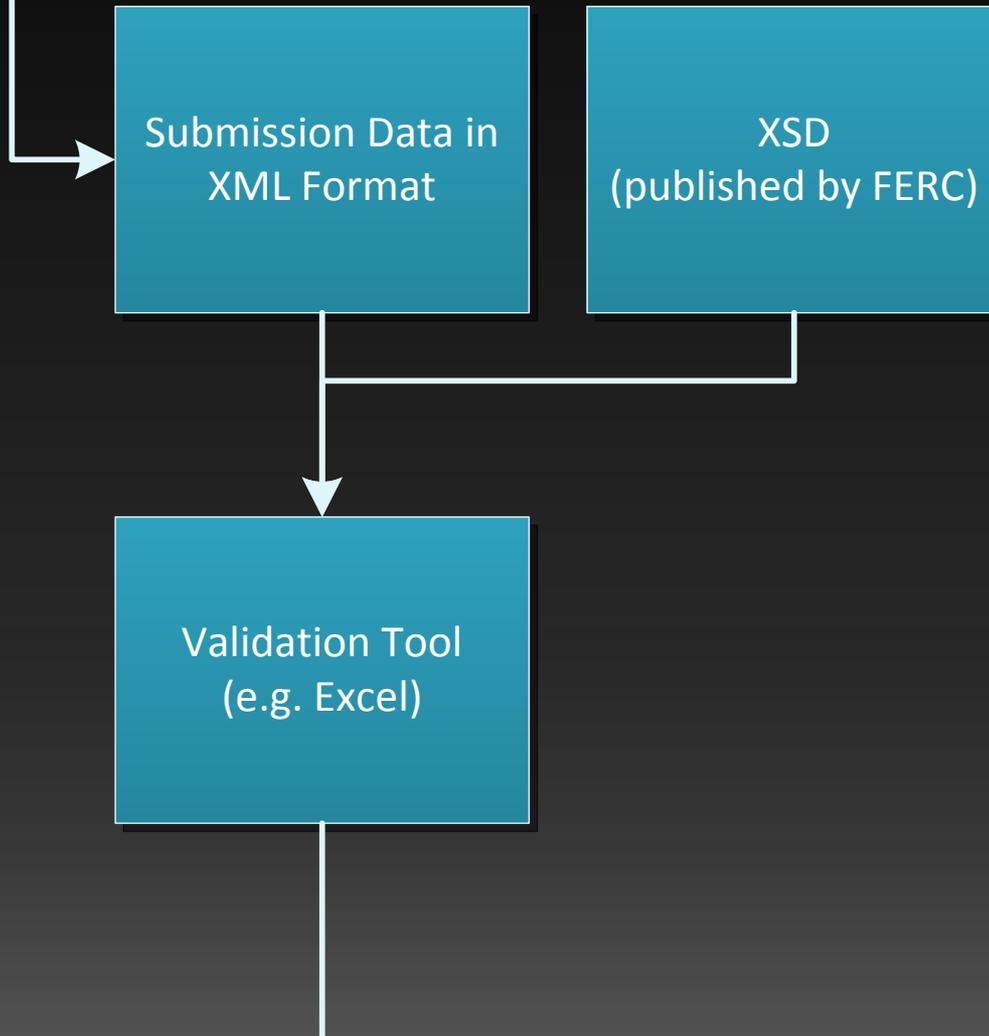
Validating Data



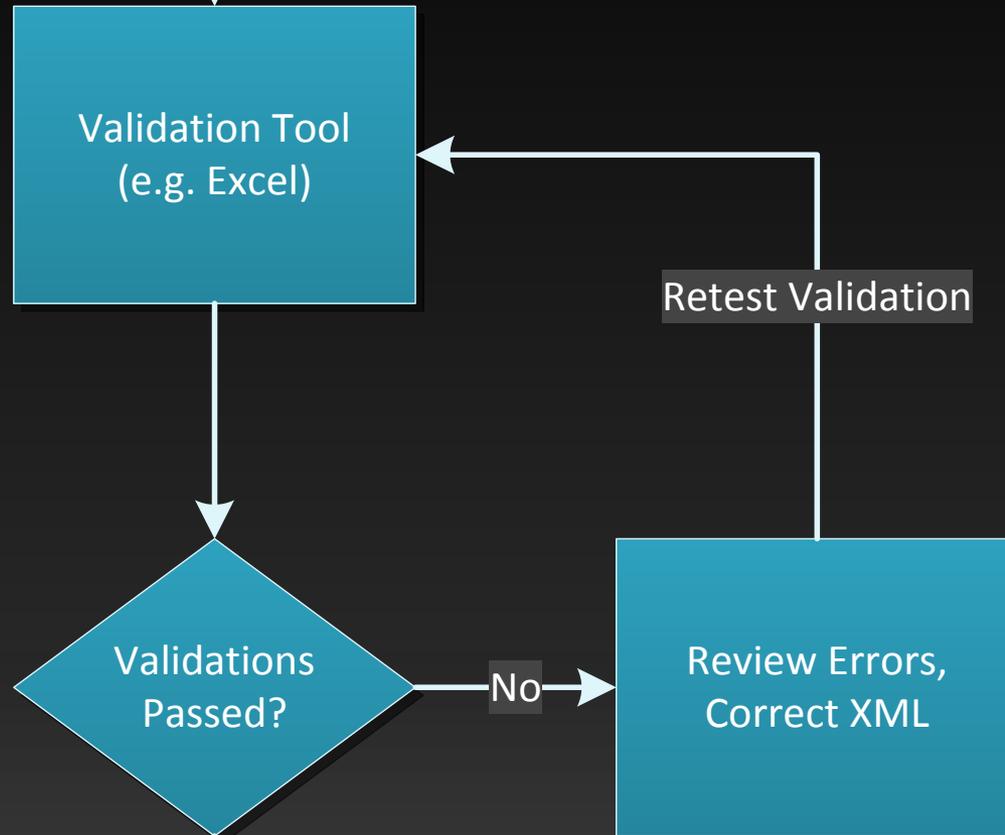
Validating Data



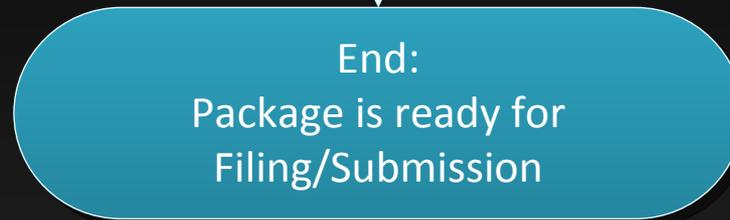
Validating Data (offline)



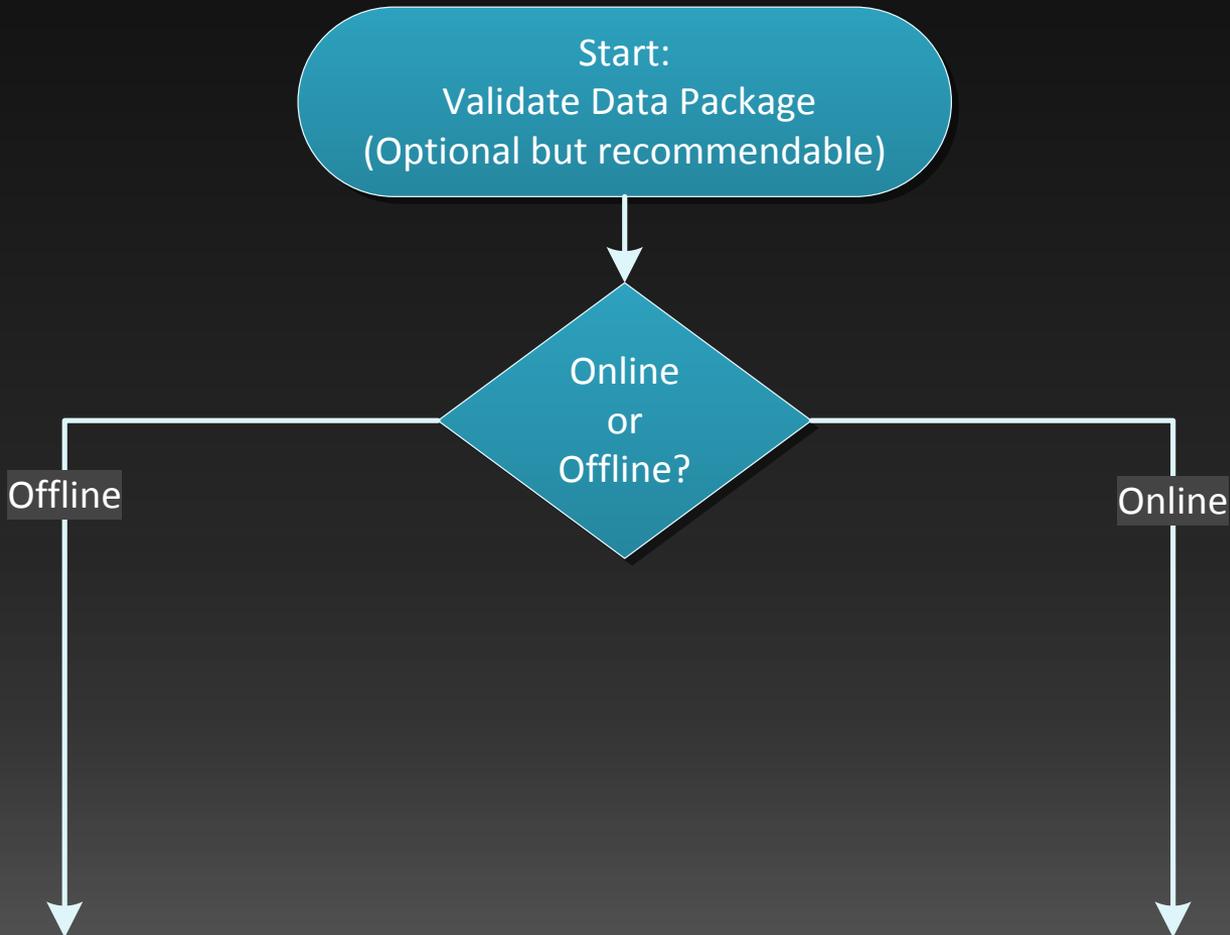
Validating Data (offline)



Validating Data (offline)



Validating Data

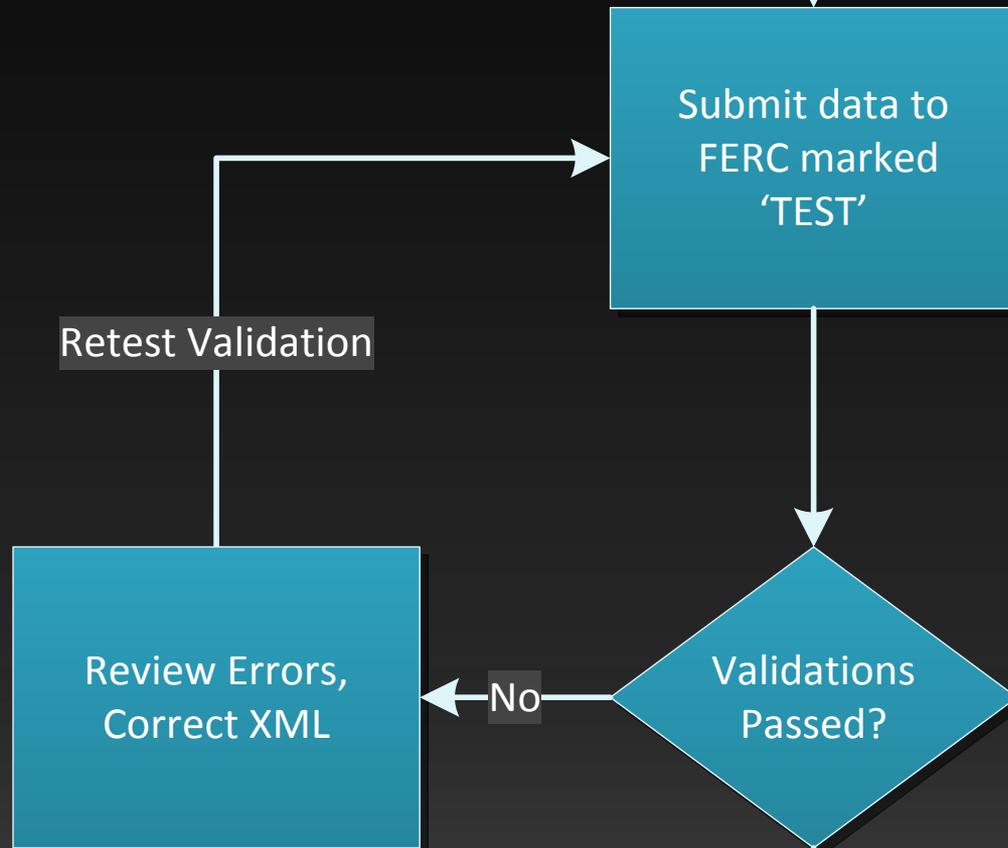


Validating Data (online)

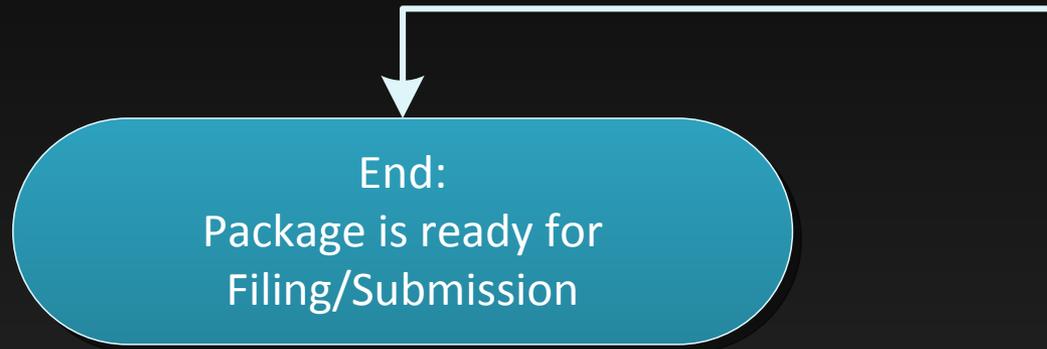
Submission Data in
XML Format

Submit data to
FERC marked
'TEST'

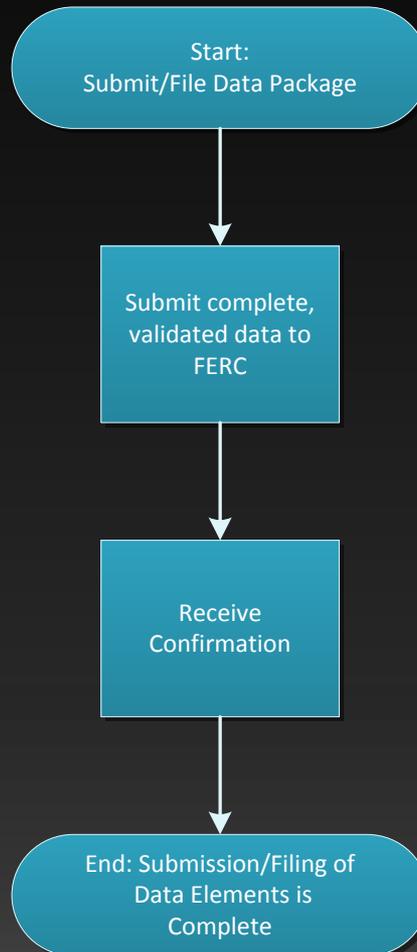
Validating Data (online)



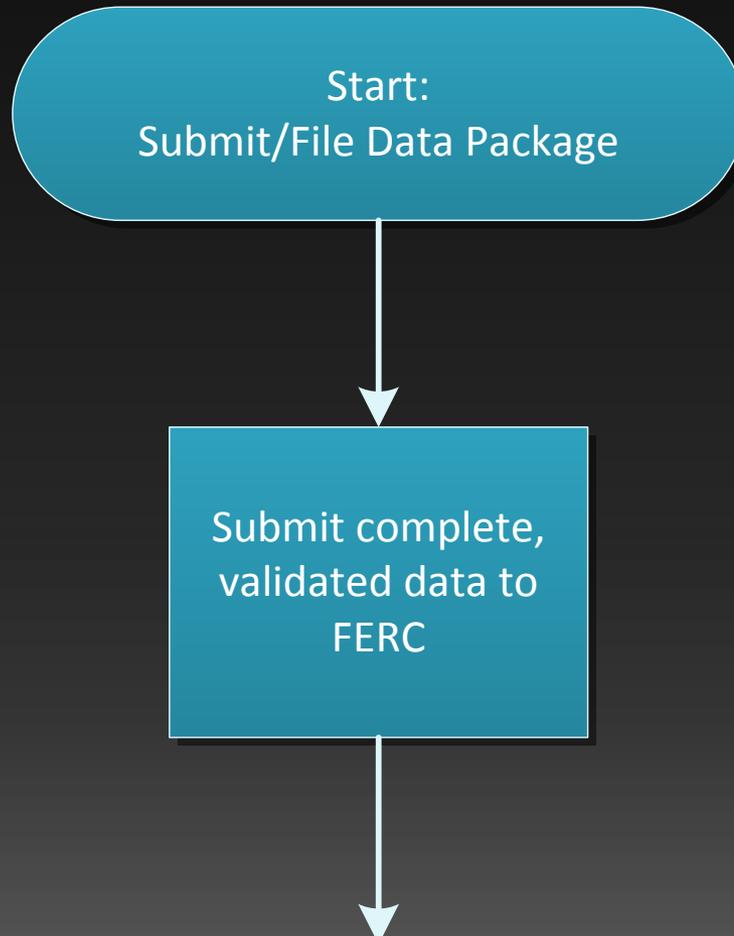
Validating Data (online)

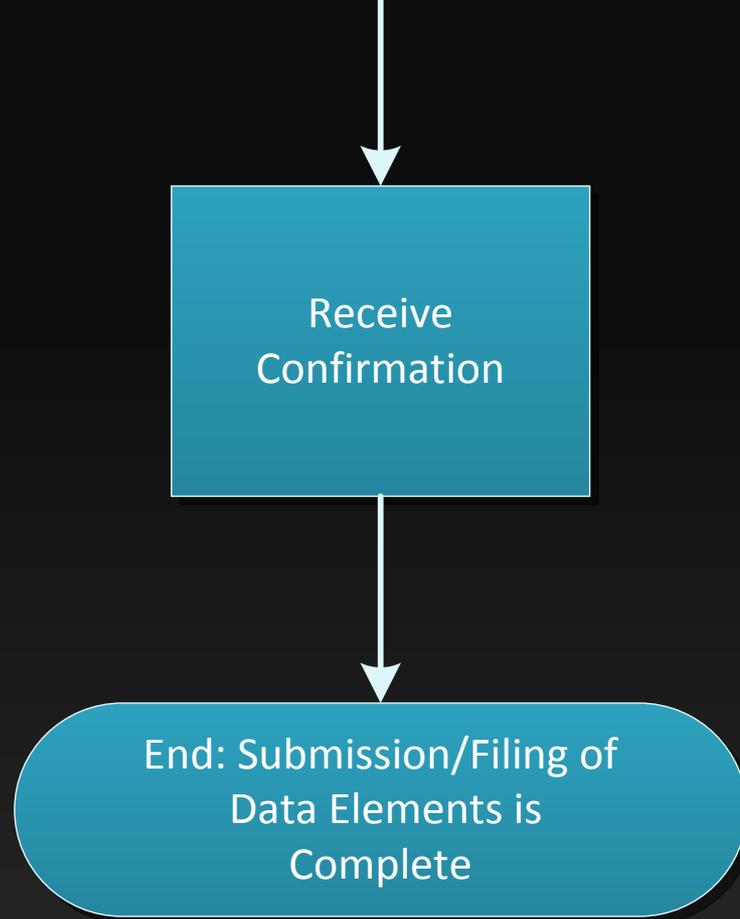


Submitting/Filing



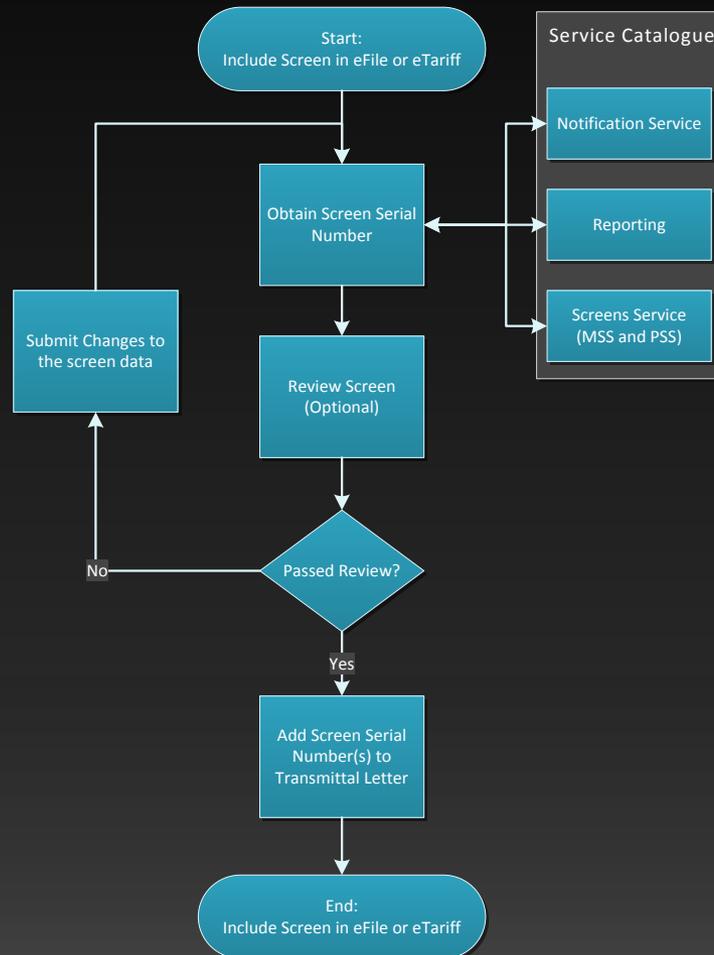
Submitting/Filing





Submitting/Filing

Including Screens

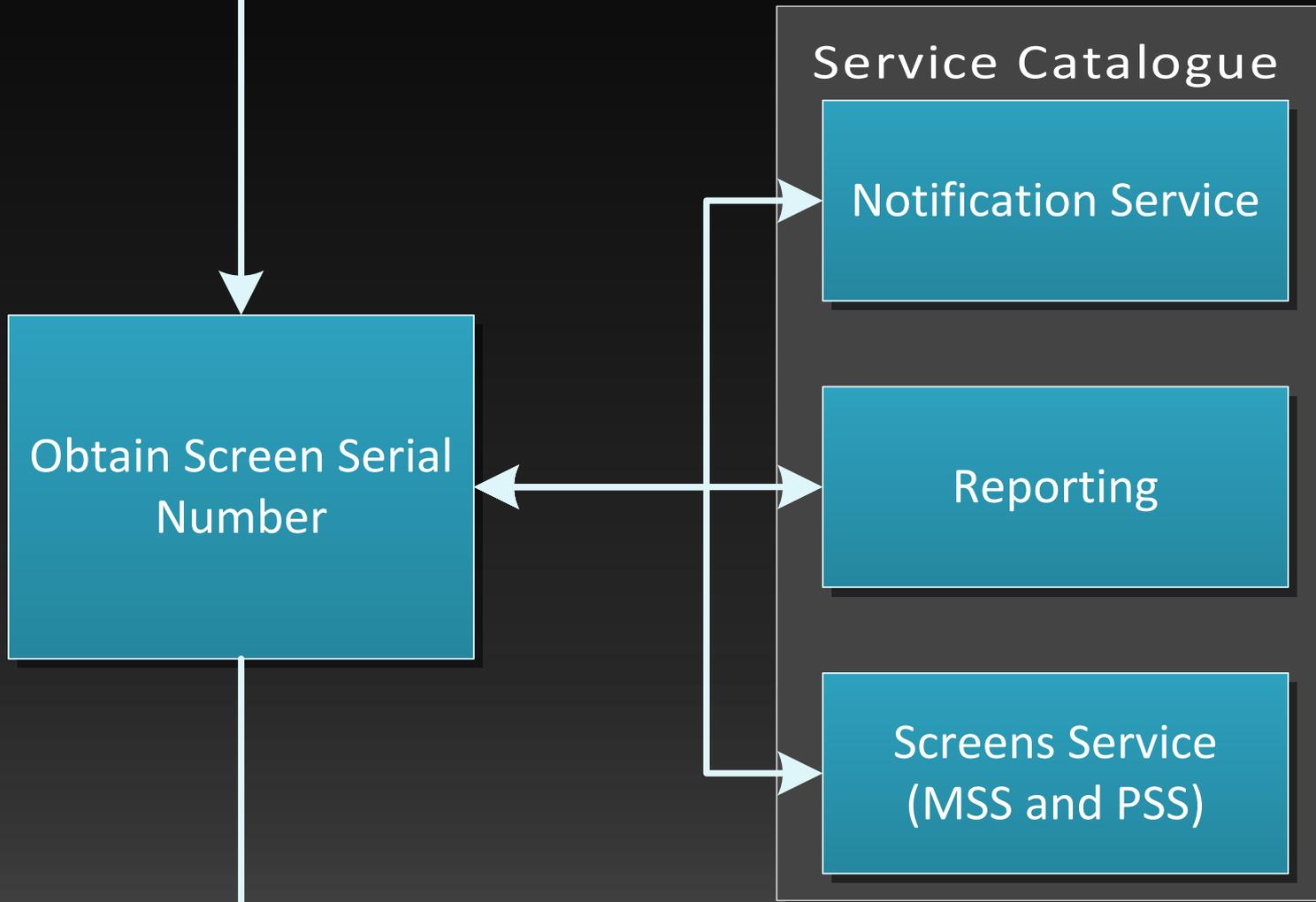


Including Screens

Start:
Include Screen in eFile or eTariff



Including Screens



Including Screens

Restart Screen Submission Process

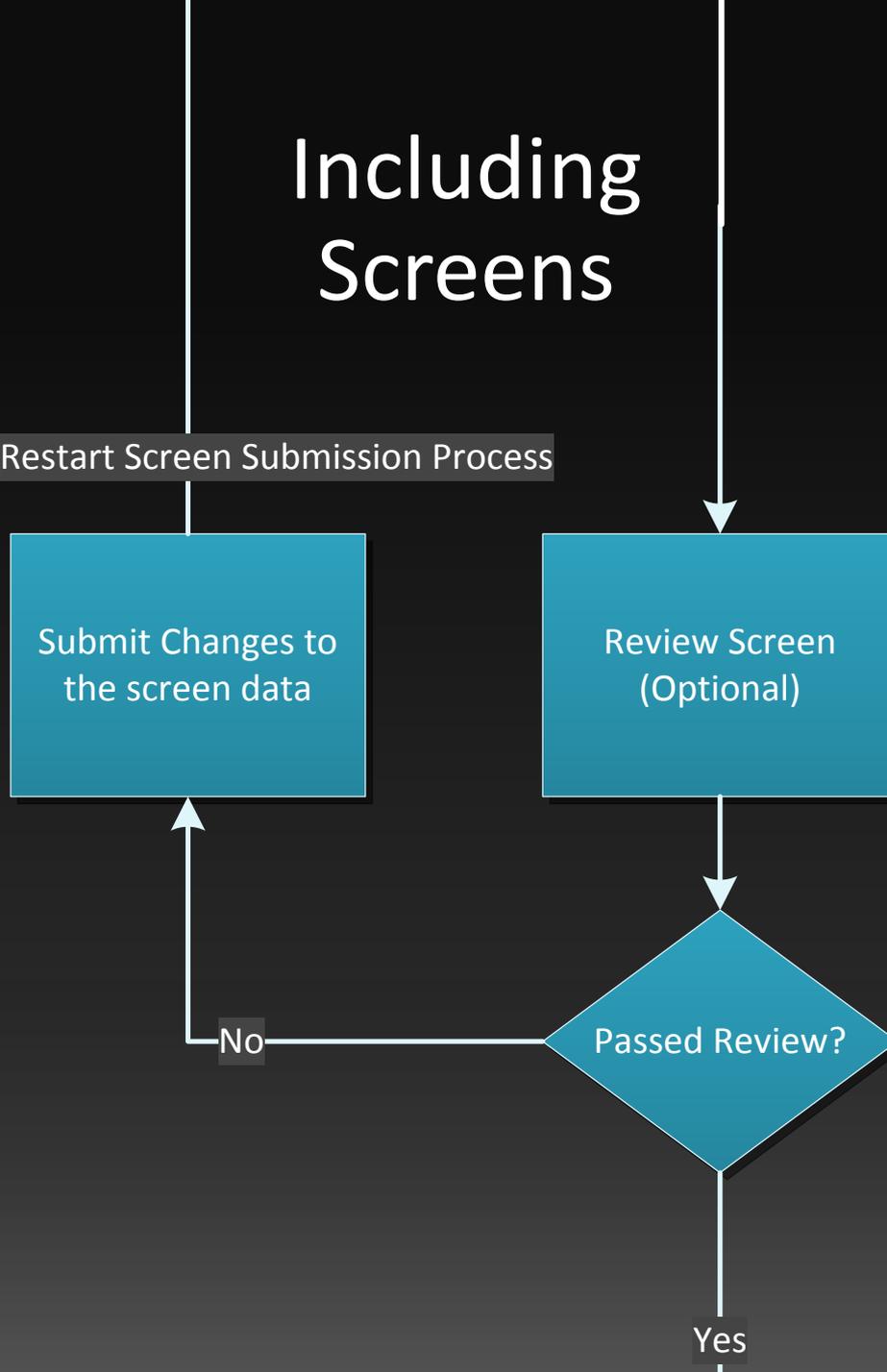
Submit Changes to the screen data

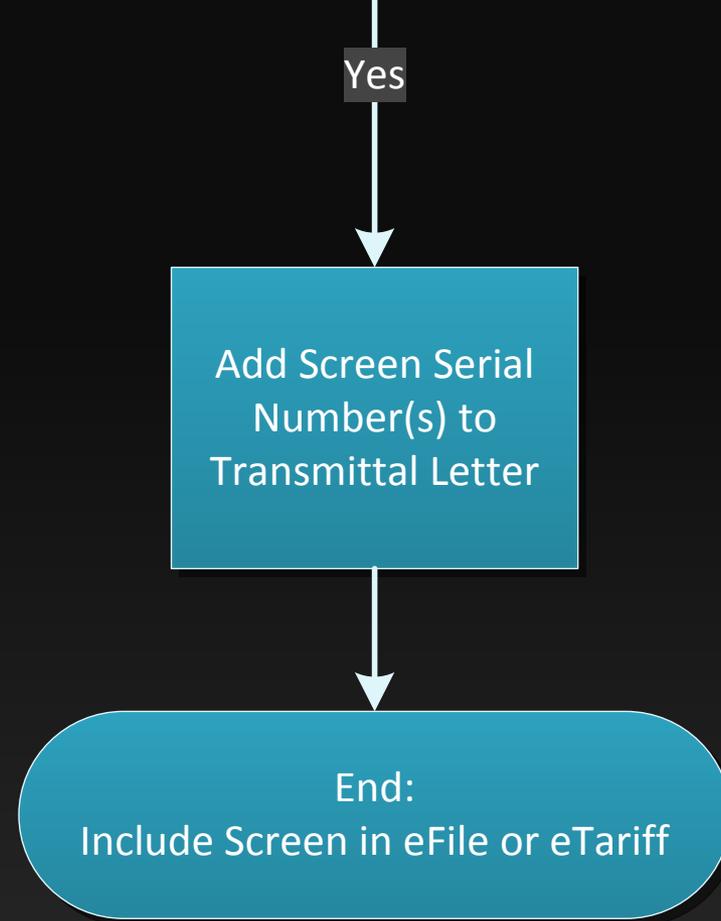
Review Screen (Optional)

Passed Review?

No

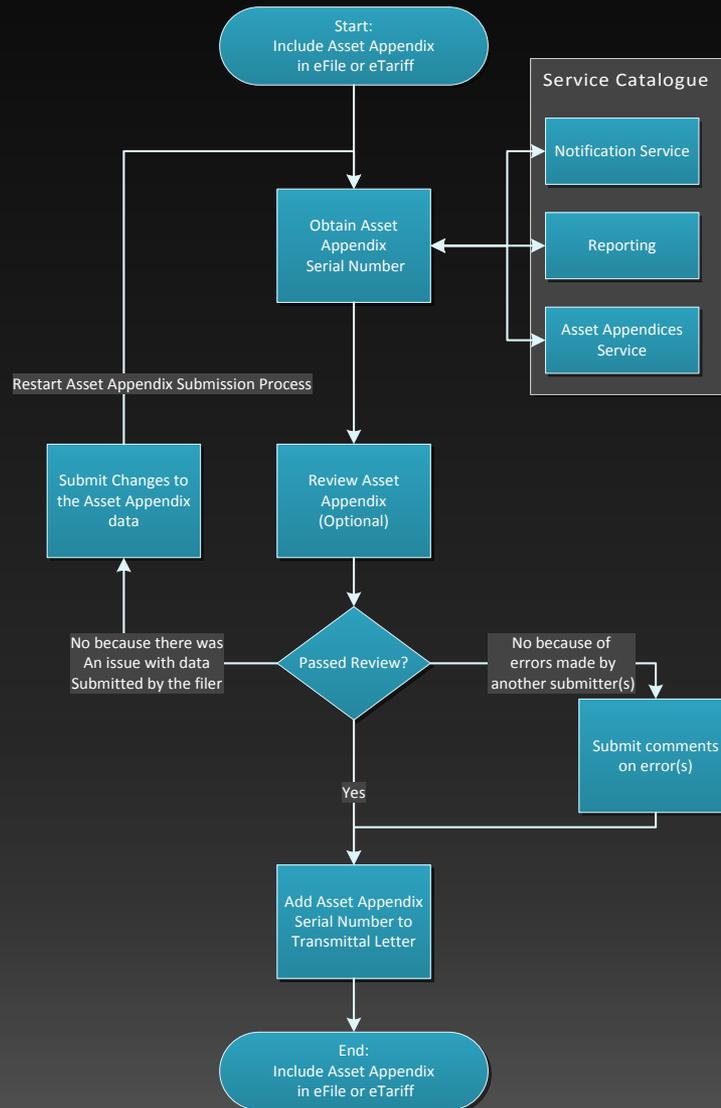
Yes





Including Screens

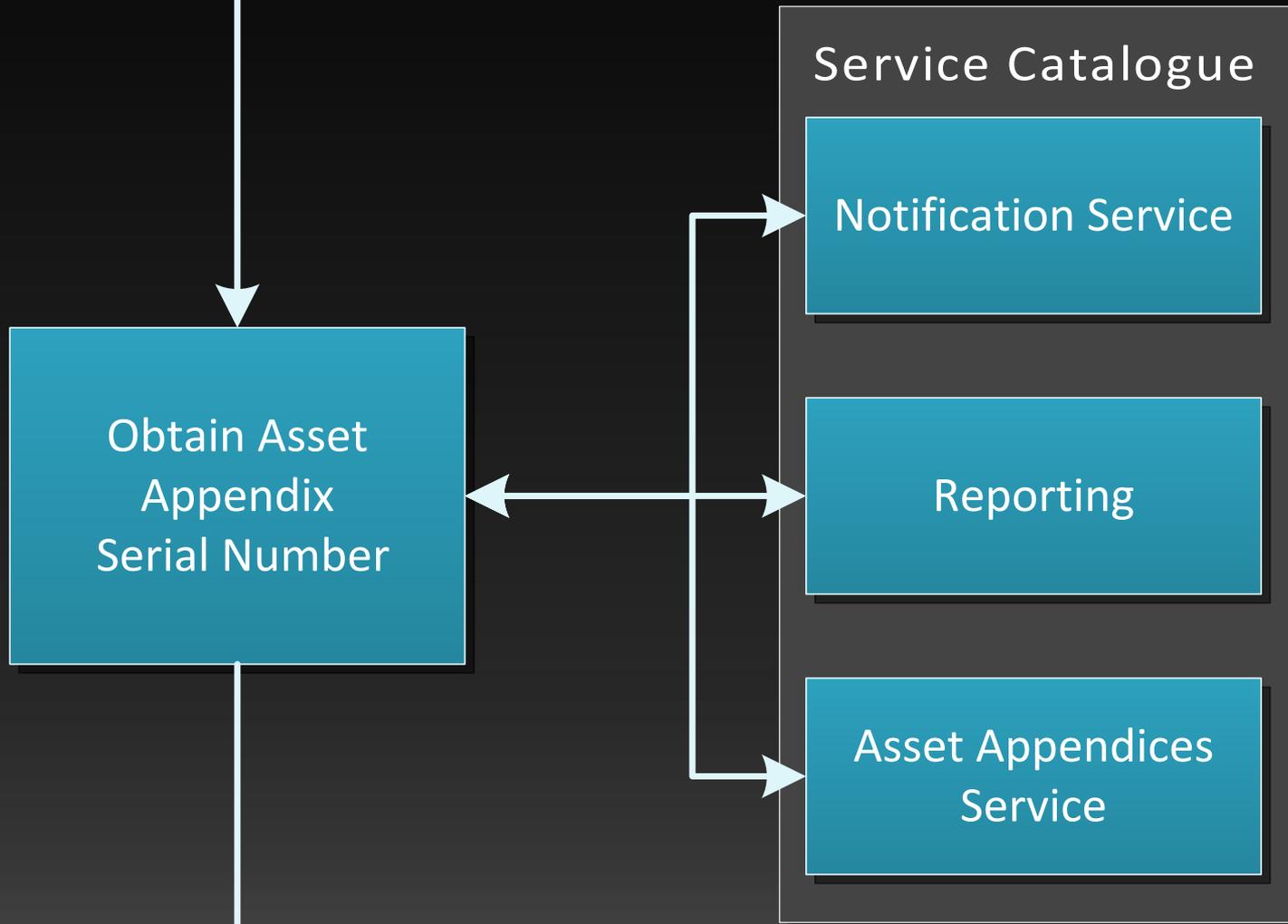
Including Screens



Including Asset Appendix

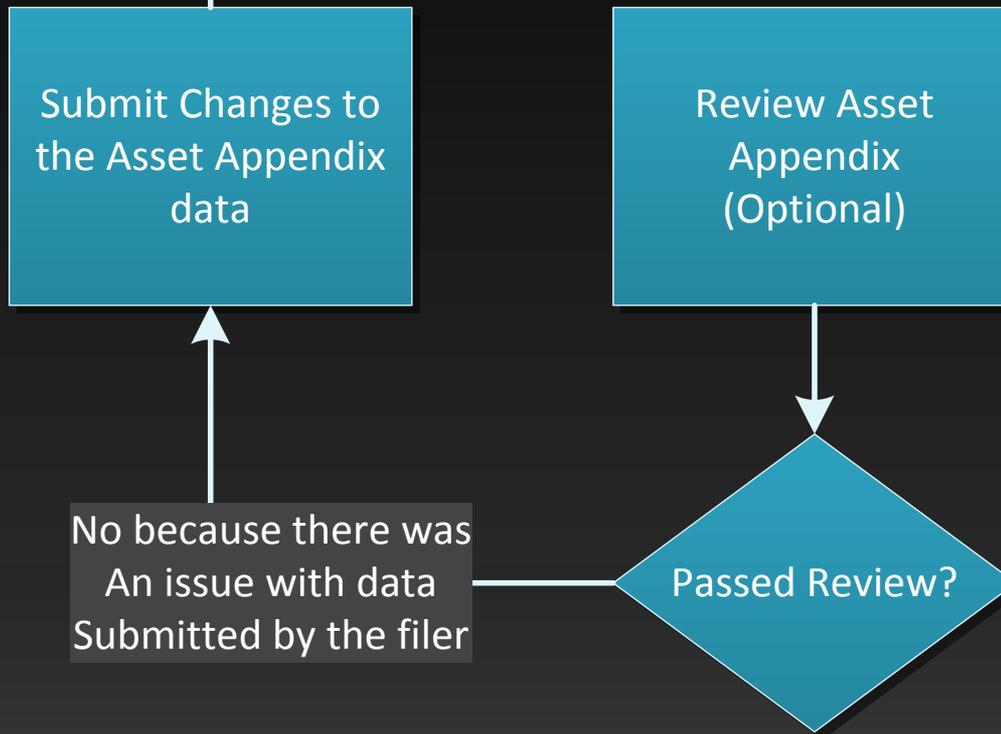
Start:
Include Asset Appendix
in eFile or eTariff

Including Asset Appendix



Including Asset Appendix

Restart Asset Appendix Submission Process



Including Asset Appendix

Restart Asset Appendix Submission Process

Submit Changes to the Asset Appendix data

Review Asset Appendix (Optional)

No because there was An issue with data Submitted by the filer

Passed Review?

No because of errors made by another submitter(s)

Submit comments on error(s)



Restart Asset Appendix Submission Process

Including Asset Appendix

Submit Changes to the Asset Appendix data

No because there was An issue with data Submitted by the filer

Passed Review?

No because of errors made by another submitter(s)

Submit comments on error(s)

Yes

Add Asset Appendix Serial Number to Transmittal Letter



End:
Include Asset Appendix
in eFile or eTariff

Including Asset Appendix

Submitting Changes

```
<agency>  
  <name>  
    FERC  
  </name>  
  <city>  
    Washington, DC  
  </city>  
</agency>
```

Agency	City
FERC	Washington, DC

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Submitting Changes: Model 1

<agency>

<name>

Federal Energy Regulatory Commission

</name>

<city>

Washington, DC

</city>

</agency>

Submitting Changes: Model 2

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<field>

agency > name

</field>

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Federal Energy Regulatory Commission

</new_value>

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