History of eTariff

John Cutting
Regulatory Affairs
New York Independent System Operator

eTariff Workshop
02/04/2010

History of eTariff

- FERC development of electronic tariff software began in 2001 (RM01-5-000) and the eTariff standards effort began in 2004
- Joint North American Energy Standards Board (NAESB) and industry standards issued on April 14, 2008
- On September 19, 2008, FERC issued Order No. 714 directing public utilities, natural gas pipelines, oil pipelines and power administrations to file baseline tariffs and related documents electronically beginning April 1, 2010

eTariff
What is it?

John Bub
Product Manager – Business Intelligence
New York Independent System Operator

eTariff Workshop
02/04/2010

What is eTariff ?

Turning this -

New York Independent System Operator, Inc.
FERC Electric Tariff
Original Volume No. 2
Attachment J

Sixth Revised Sheet No. 486
Superseding Fifth Revised Sheet No. 486

ATTACHMENT J

DETERMINATION OF DAY-AHEAD MARGIN ASSURANCE PAYMENTS

1.0 General Rule

If an eligible Supplier buys out of a Day-Ahead Energy, Regulation Service or Operating Reserve schedule in a manner that reduces its Day-Ahead Margin it shall receive a Day-Ahead Margin Assurance Payment, except as provided in Sections 4.0, and 5.0 of this Attachment J. The purpose of such payments is to protect Suppliers' Day-Ahead Margins associated with real-time reductions after accounting for: (i) any real-time profits associated with offsetting increases in real-time Energy, Regulation Service, or Operating Reserve Schedules; and (ii) any Supplier-requested real-time de-rate granted by the ISO. Day-Ahead Margin Assurance Payments payable to Limited Energy Storage Resources shall be determined pursuant to Section 6.0 of this Attachment J.

Issued by: Stephen G. Whitley, President
Issued on: March 18, 2009

Effective: May 12, 2009

Sample only - not for reference

NEW YORK INDEPENDENT SYSTEM OPERATOR

10 Krey Boulevard ♦ Rensselaer, NY 12144

March 18, 2009

By Hand Delivery

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: ***New York Independent System Operator, Inc.*****, Docket No. ER09-836-000**
Errata to Filing to Integrate Energy Storage Devices into the NYISO-Administered Regulation Service Market

Dear Secretary Bose:

On March 11, 2009, the New York Independent System Operator, Inc. ("NYISO") submitted proposed tariff revisions to its Market Administration and Control Area Services Tariff ("Services Tariff") to Integrate Energy Storage Devices into the NYISO-Administered Regulation Service Market ("March 11 Filing"). It has since come to the NYISO's attention that the language contained in Services Tariff Sheet No. 486 was filed on an obsolete base page, which inadvertently omitted language from a March 5, 2009 filing in another docket. The same March 11 language is attached hereto on the corrected base page as Attachment I. A redline of the same is attached hereto as Attachment II.

Because the errata affects only one sheet from the March 11 Filing, the NYISO is re-submitting a clean version and a redlined version of the affected sheet. The NYISO will be happy to provide electronic copies of the entire filing upon request.

Respectfully submitted,

Mollie Lampi
Assistant General Counsel
New York Independent System Operator, Inc.
10 Krey Blvd.
Rensselaer, New York 12144
(518) 356 7530
mlampi@nyiso.com

Sample only - not for reference

Into this -

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/ record_binary_data >
< record_plain_text ATTACHMENT J
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Attachment J. / record_plain_text >
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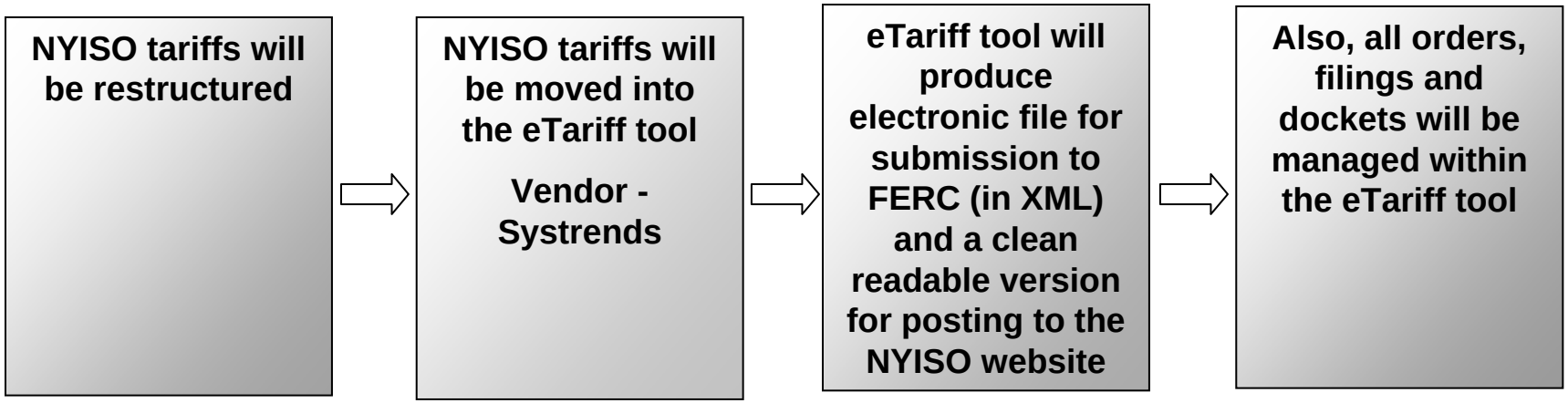
Sample only - not for reference

Sample only - not for reference

What needs to be done?



What is eTariff?

NYISO tariffs will be restructured

- There will no longer be any references to sheets. Tariff text will be referenced as sections, using section numbers.
- Headers and footers will no longer be used as they are today.
- The tariff posted to the NYISO website will be a clean version of the current tariff. Red lining will be found within each filing not within the posted Tariff document

Current

Sheet Based – Consolidated View

New York Independent System Operator, Inc. ~~First~~ Second Revised Sheet No. 33B
FERC Electric Tariff Superseding ~~Original~~ First Revised Sheet No. 33B
Original Volume No. 2

2.37a Day-Ahead Reliability Unit

A Day-Ahead committed Resource which would not have been committed but for ~~the~~ a ~~commitment~~ request by a Transmission Owner that the unit be committed in the Day-Ahead Market in order to meet the reliability needs of the Transmission Owner's local system or as the result of the ISO's analysis indicating the unit was needed in order to meet the reliability requirements of the NYCA~~which request was made known to the ISO prior to the close of the Day-Ahead Market~~.

2.38 Decremental Bid

A monotonically increasing Bid curve provided by an entity engaged in a Bilateral Import or Internal Transaction to indicate the LBMP below which that entity is willing to reduce its Generator's

Issued by: Stephen G. Whitley, President
Issued on: ~~March 11~~November 6, 2009

Effective: ~~May 12~~January 13, 200~~9~~10

New - eTariff

Section Based – Current Effective View

New York Independent System Operator, Inc. - FERC Electric Tariff
Market Services Tariff

2.37a Day-Ahead Reliability Unit

A Day-Ahead committed Resource which would not have been committed but for the commitment request by a Transmission Owner in order to meet the reliability needs of the Transmission Owner's local system which request was made known to the ISO prior to the close of the Day-Ahead Market.

Effective Date: May 12, 200[illegible] Docket No. ER09-nnn-nnn

2.38 Decremental Bid

A monotonically increasing Bid curve provided by an entity engaged in a Bilateral Import or Internal Transaction to indicate the LBMP below which that entity is willing to reduce its Generator's [illegible]utput, and purchase Energy in the LBMP Markets, or by an entity [illegible]ngaged in a Bilateral Wheel Through Transaction to indicate the Congestion Component [illegible]ost below which that entity is willing to accept Transmission Service.

Effective Date: May 24, 20[illegible] - Docket No. ER04-230-023

Page n

- **- Sheet numbers will be removed – page numbers will be used but page numbers will be recalculated after every insert and delete**
- **- Header and Footer information will be removed**
- **- Effective dates will be for each section not each sheet/page**
- **- Text will move between pages to keep section text together and will not be pushed to a subsequent page to maintain the sheet**

Text will be clean version – red lining will be found in each filing not in the full master tariff document

What is eTariff?

NYISO tariffs will be moved into the eTariff tool

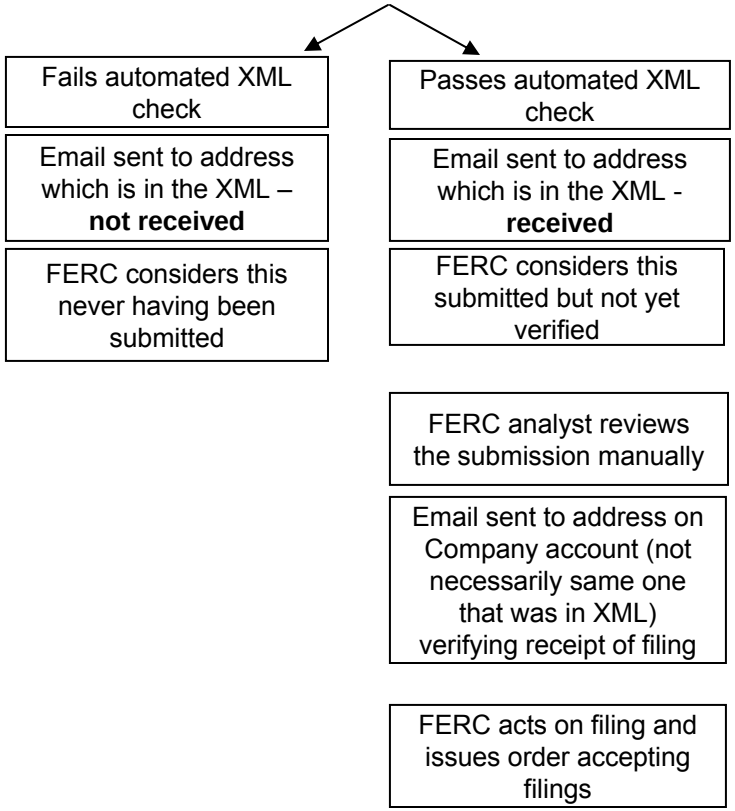
Vendor - Systrends

- There are several options for software or services for eTariff filing.
  - *Filing services – Some law firms are providing the eTariff filing as a purchasable service*
  - *XML Packager subscription – provides simple XML conversion as a subscription service (no software to install)*
  - *XML Packager purchase – provides simple XML conversion for in house installation*
  - ***Tariff Management system – provides robust management of tariff, filings, orders, …***
    - **NYISO chose the Tariff Management System from Systrends (as part of a joint ISO/RTO initiative with ISO-NE, PJM and SPP)**

What is eTariff?

eTariff tool will produce electronic file for submission to FERC (in XML) and a clean readable version for posting to the NYISO website

- System will generate XML for submission to FERC. User will sign on to FERC website and manually upload the file:

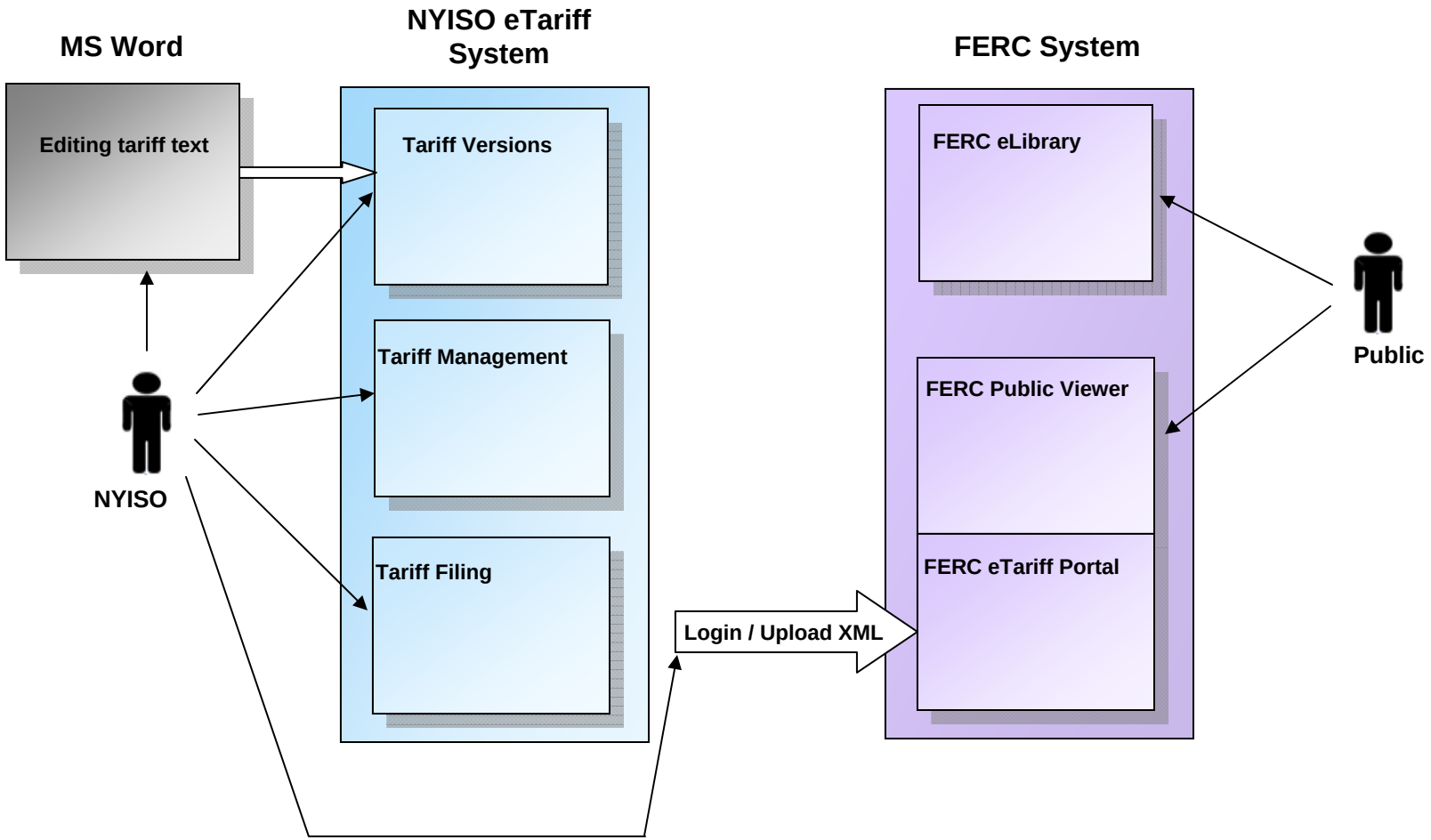


What is eTariff?

All orders, filings and dockets will also be managed within the eTariff tool

- The eTariff management tool provides functionality to store, manage, relate, and display:
  - *Orders*
  - *Filings*
  - *Dockets*

eTariff Conceptual Overview



NYISO Baseline Filing

Joy Zimberlin
Regulatory Affairs
New York Independent System Operator

eTariff Workshop
02/04/2010

NYISO Baseline Filing

- Filing date – June 2, 2010
- Quiet Period (April 1, 2010 – July 1, 2010)
  - *April 1-June 1 – format tariff for efiling*
    - Pending language will be removed
    - Tariff format will transition from sheets to sections
    - No changes in language or continuity
    - Minor changes in section numbering
  - *June 3-July 1 – await FERC acceptance*
  - *No scheduled tariff filings during this period*
    - Emergency filings will be accommodated

Shared Filings

- Currently, TOs can file revisions to the NYISO Tariff
- After April 1, 2010, the NYISO will file NYISO Tariff revisions on behalf of the TOs
- Contact NYISO Regulatory Affairs staff:

Joy Zimberlin **John Cutting**

518-356-6207 518-356-7521

jzimberlin@nyiso.com jcutting@nyiso.com

For More Information

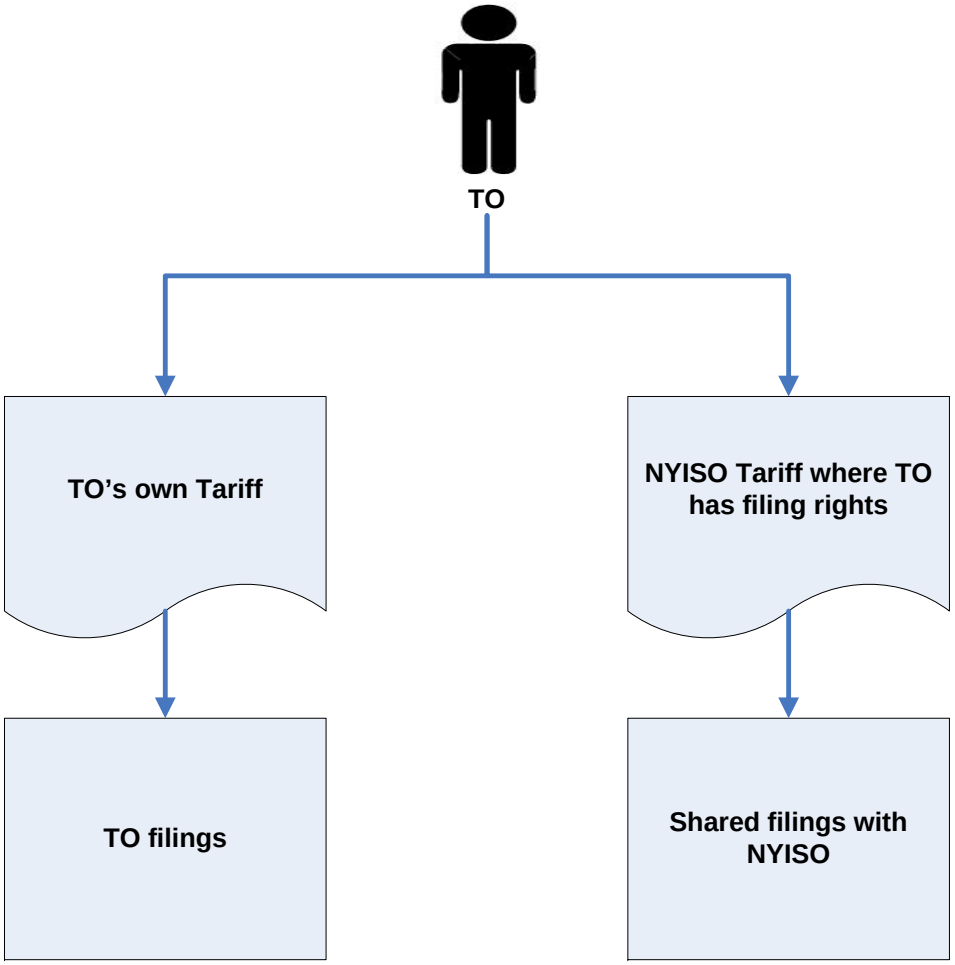
- eTariff pages at FERC website:
  - *http://www.ferc.gov/docs-filing/etariff.asp*

eTariff TO Filings

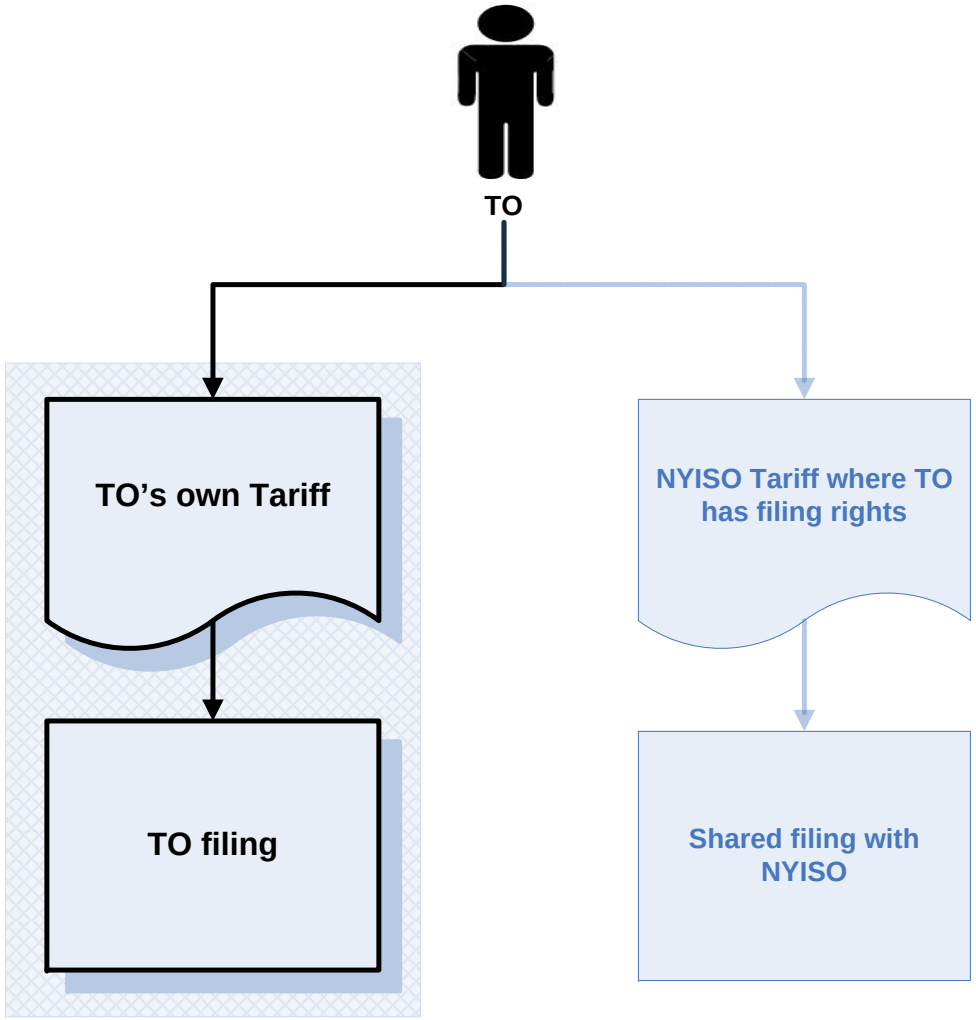
Prince Philip
Business Intelligence
New York Independent System Operator

eTariff Workshop
02/04/2010

eTariff Filings



TO Filings


TO
TO's own Tariff
TO filing
NYISO Tariff where TO has filing rights
Shared filing with NYISO

TO Filings

- NYISO eTariff System license does not allow NYISO to file non-NYISO Tariffs
  - *NYISO cannot file revisions to TO's tariffs*
- TOs must submit their own Tariff revisions directly to FERC
- XML Format Filings
- Record based Tariff
- Metadata vs. Header/Footer Information
  - *Collation Values*
  - *Parent Record Relationships*

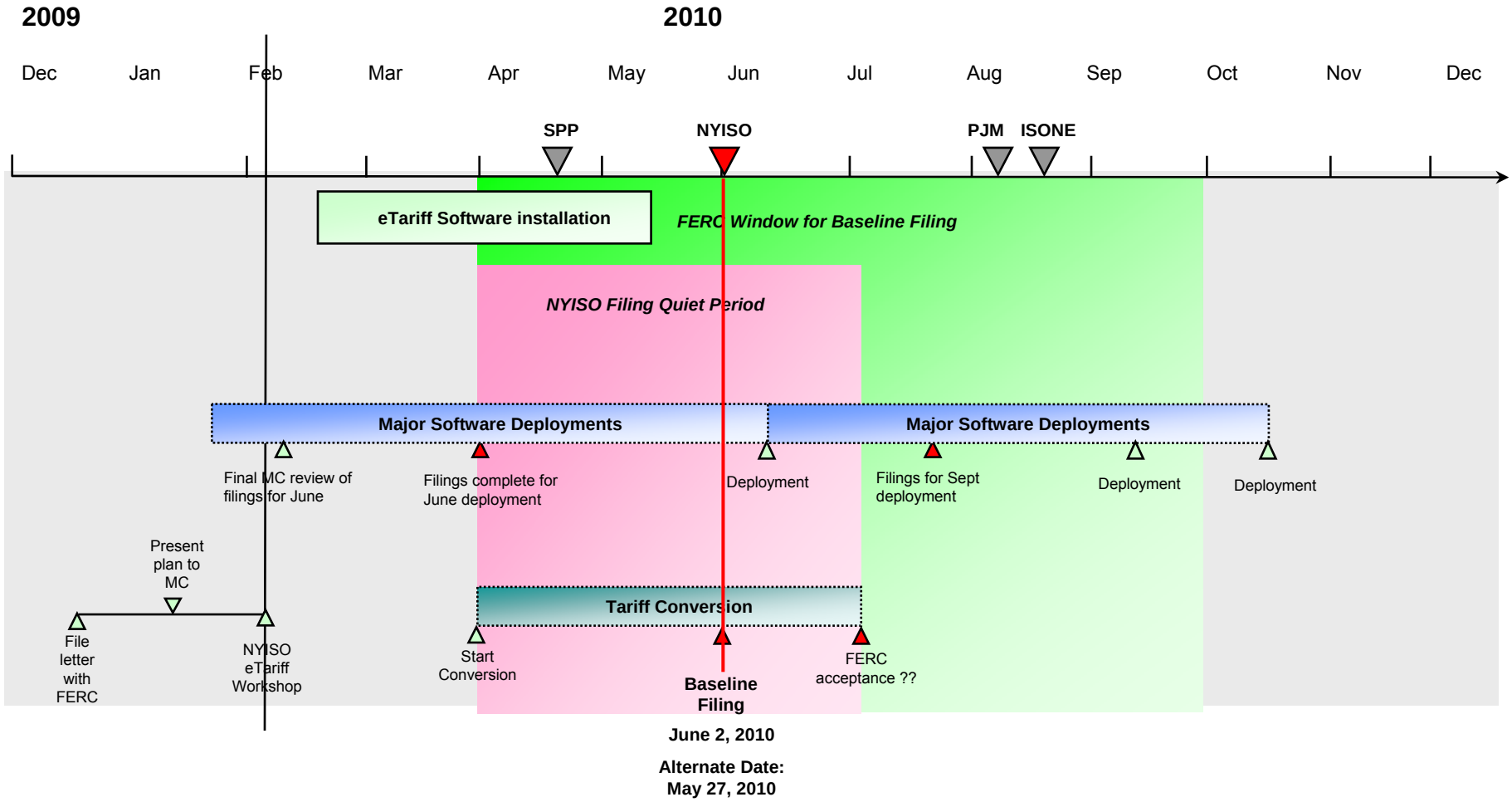
TO Filings

- Only One Tariff allowed per Filing
  - *Revisions to each Tariff must be filed separately*
- FERC eTariff Portal to submit Filings
- FERC provides automatic e-mail notification of receipt of the acceptable XML formatted filing

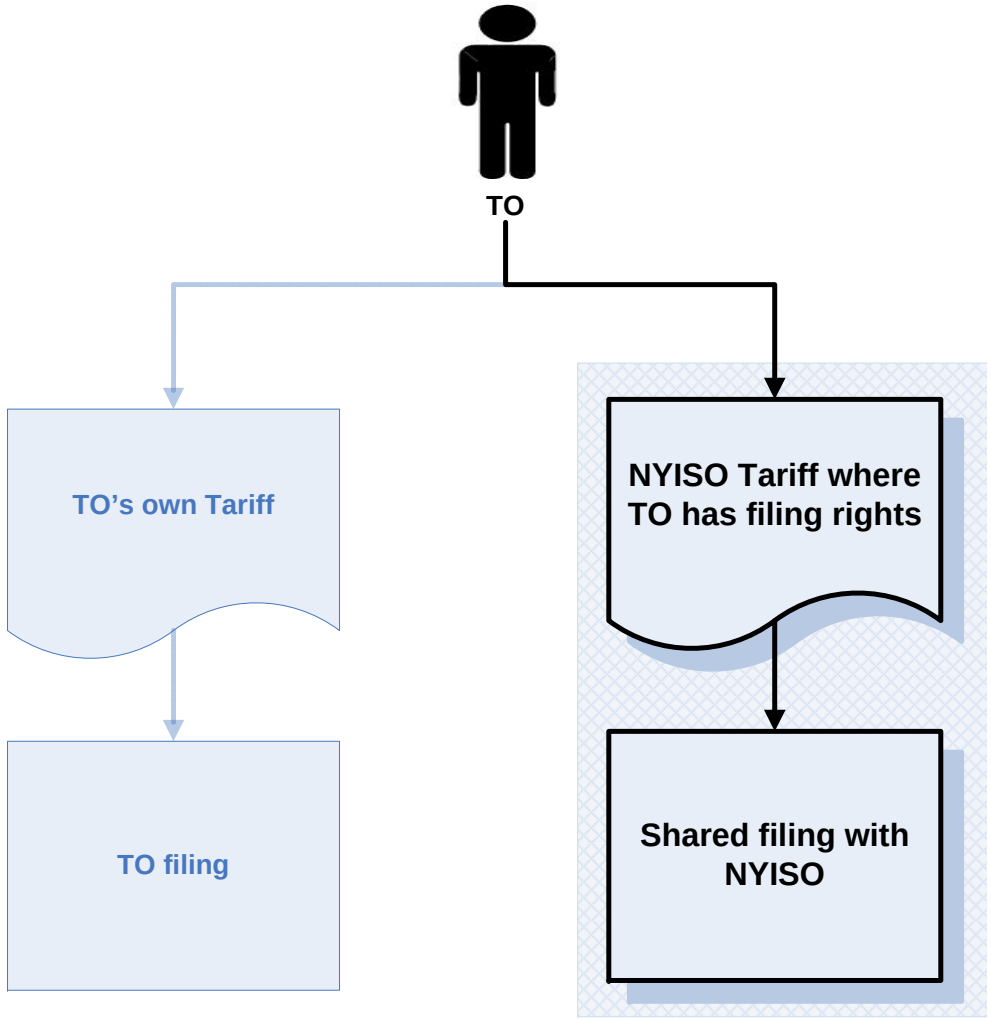
TO Filings - Baseline

- FERC issued a notice on December 1, 2009 directing utilities to file preferred baseline filing dates by January 22, 2010
- Tariff sheets are to be formatted to eTariff compliant record format
- Anticipate a "Quiet" period during which
  - *No scheduled tariff revisions will be scheduled for filing*
  - *Emergency filings can be accommodated during this period*
- Quiet Period to extend before and after the Baseline Filing

NYISO Baseline Filing Timeline



Shared Filings



Shared Filings

- Sections of the NYISO Tariff where TOs have filing rights
- TO prepares language for filing
- TO prepares filing attachments
- TO sends documents to NYISO in MS Word format at:
  - *eTariff_filings@nyiso.com*

Shared Filings

- NYISO files with FERC on behalf of TO
- FERC Issues Docket / Order
- NYISO incorporates accepted language into current effective NYISO Tariff, on accepted effective date

- Only one Tariff allowed per filing
  - *TOs viewing NYISO filings related to overlapping language between OATT and MST*

Shared Filings

- Software Demo

NYISO's approach to shared filings

NEW YORK INDEPENDENT SYSTEM OPERATOR

The New York Independent System Operator (NYISO) is a not-for-profit corporation that began operations in 1999. The NYISO operates New York's bulk electricity grid, administers the state's wholesale electricity markets, and provides reliability and resource planning for the state's bulk electricity system.

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www.nyiso.com