

Electronic Tariff Filings

FERC Order No. 714

April 28, 2009











Agenda

- Utilicast Overview
- Electronic Tariff Management System

Corporate Information

➤Company Information

- Based in Seattle, Washington area
- Worldwide Operations
- Operational since 2000
- >\$6.6 million in 2008 sales
- Business Process, Strategy, and Software focus

>RTO Client Information

- Utilicast is currently an approved vendor at the following ISO/RTOs
 - PJM Interconnection
 - Midwest ISO
 - Southwest Power Pool
 - ERCOT
 - California ISO
- Services focused on ISO/RTO centric areas



Core IT Capabilities

- Project and Program Management
- Functional and System Design
- Requirements Management
- Enterprise Information Architecture
- Software Application Development
- Software Quality Assurance
- Independent Verification and Validation
- SAS70 and NERC CIP controls implementation



Utility Software Experience

- Utilicast Software
 - Operator UI/Displays
 - Pricing
 - Settlements
 - e-Learning Modules
 - Systems Integration
 - Operational Data Stores
 - Electronic Tariff Management System (ETMS)
- Energy Management Systems
 - Areva
 - > ABB
 - Siemens

- Market Management Systems
 - Areva
 - > ABB
 - Siemens
- Billing and Settlement Systems
 - Areva
 - Lodestar
- Scheduling Systems
 - Areva
 - > OATI

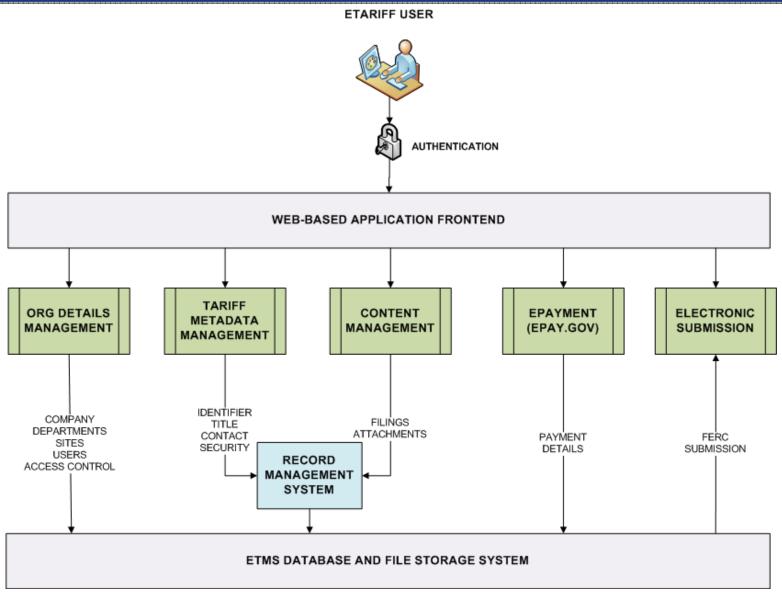


ETMS Challenges/Opportunities

- Technical solution implemented, tested, and ready to launch by April 1, 2010
- ➤ Bridge existing tariff development and maintenance processes to the technical solution
- Opportunities to enhance tariff workflows through:
 - Software-based workflow management
 - Electronic record management
 - Multi-site coordination and access control
- Shadowing FERC database oriented tariff management process

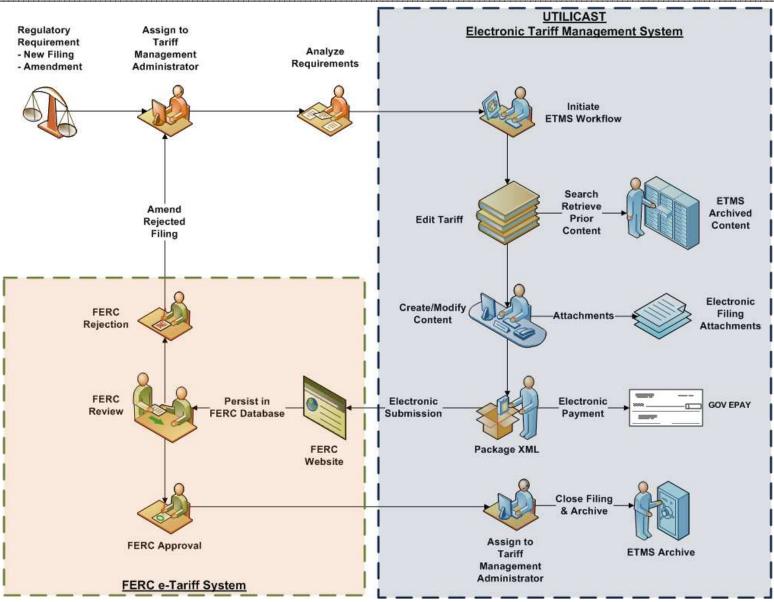


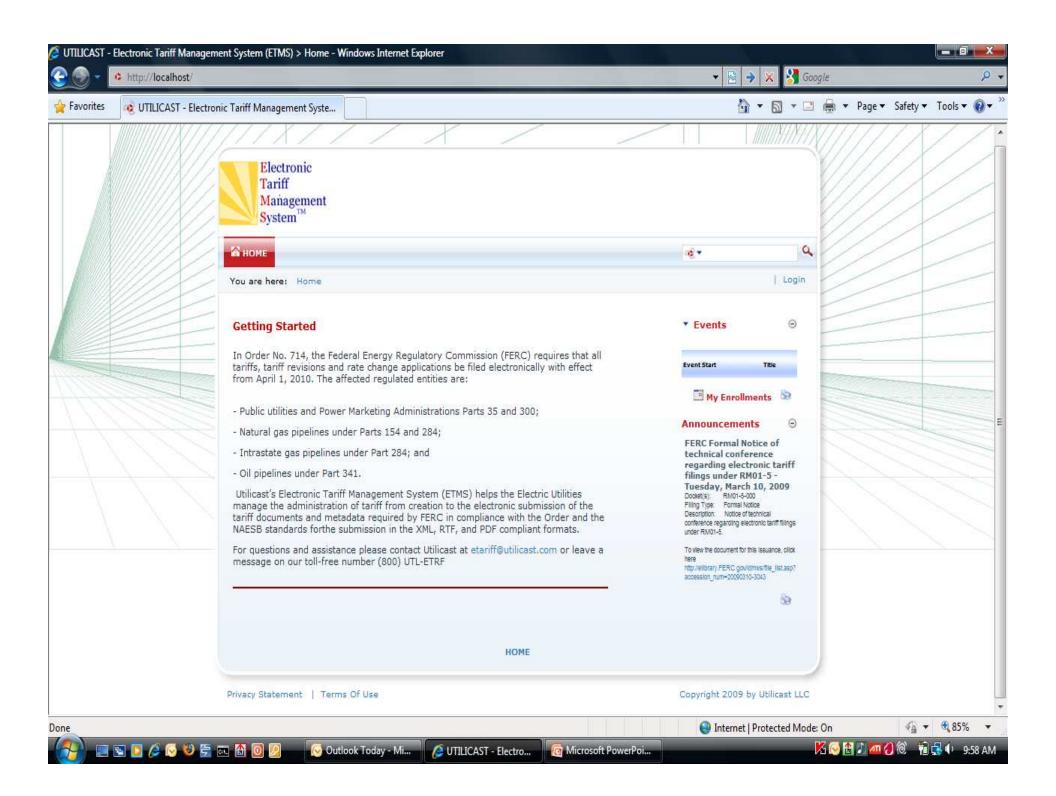
Solution Design: System Overview

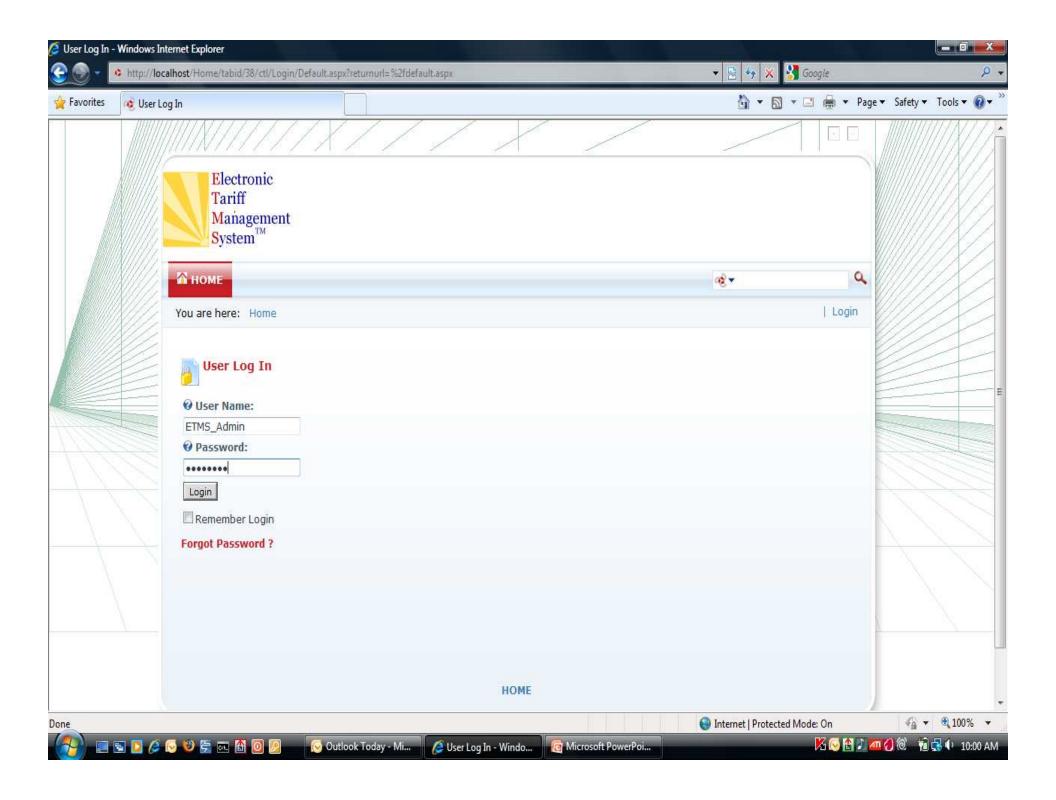


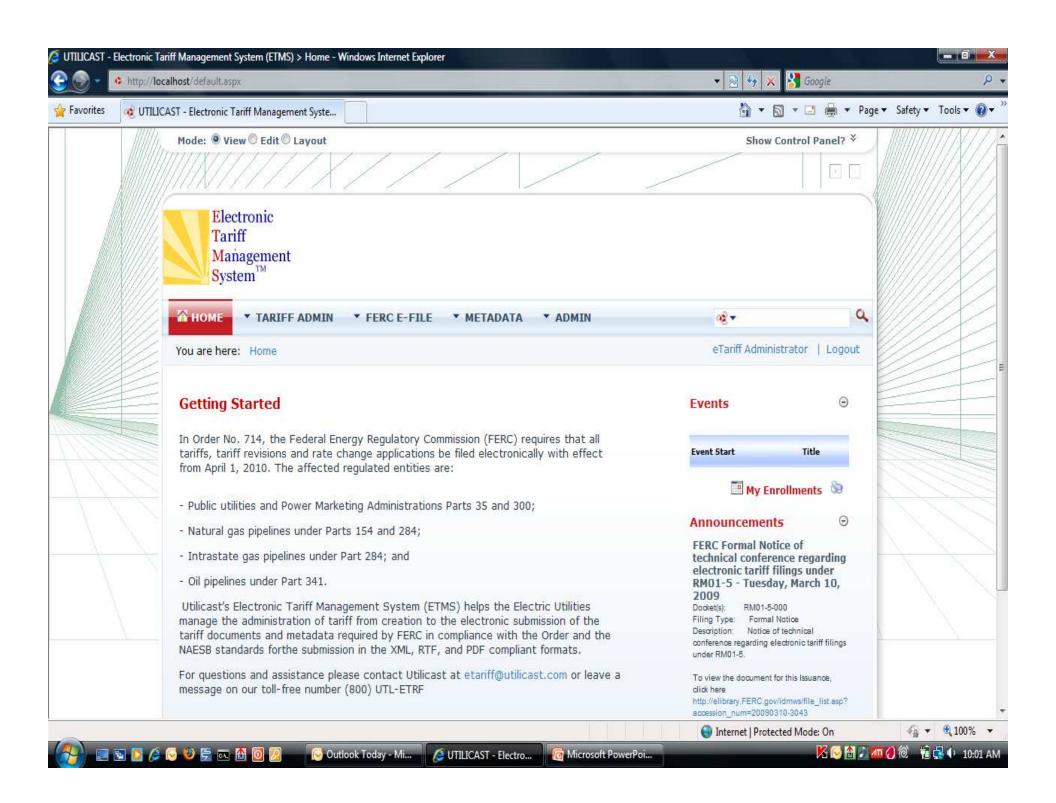


Solution Design: Workflow













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TARIFF ADMIN

▼ FERC E-FILE



▼ ADMIN



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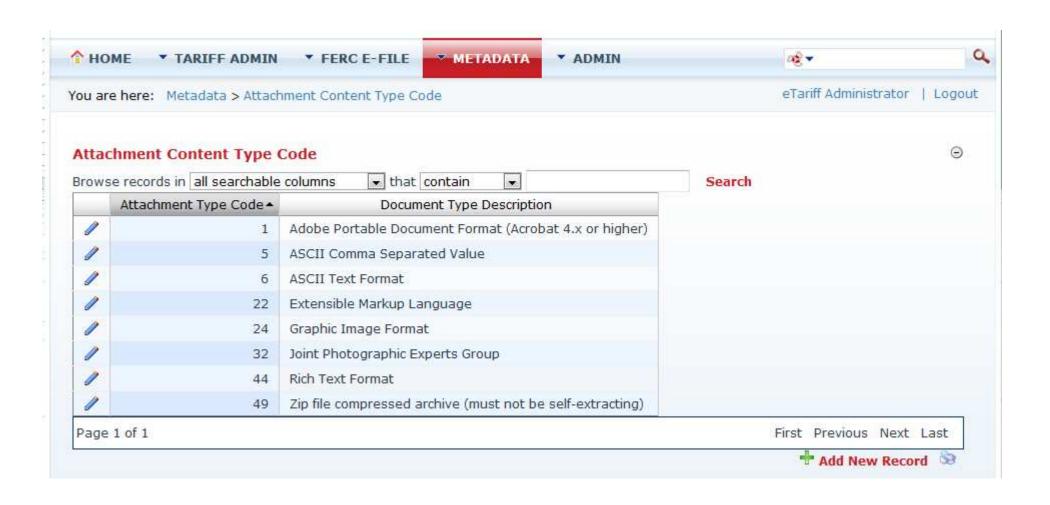
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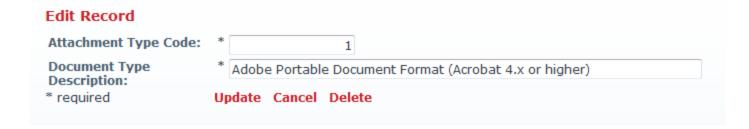
Type of Filing Codes

	Filing Type • Code	Description	Program Code	New Type	Refiled Type	Compliance Type	Amendment Type	Motion Type	Withdraw Type	Report Type
1	100	Sect. 35.17 - Withdraws	E, M							
/	200	Sect. 300.10 Application for confirmation and approval (non BPA)	F							
1	300	Sect. 385.212 (Proposed) - Motion to Delay Effective Date	E, M					☑		
1	400	Non jurisdictional filings (non BPA)	F							
1	500	Sect. 300.14 BPA Section 7(k) filings	F							
1	600	Sect. 35.13(a)(1) - General Rate Case	E, M							
1	1,000	Sect. 35.13(a)(2)(iii) - Rate Schedule Changes Other Than Rate Increases/Compliance Filing	Е, М							
1	5,400	Initial Tariff Baseline	F	V	V					

Edit Record

Filing Type Code: 300 Description: * Sect. 385.212 (Proposed) - Motion to Delay Effective Date **Program Code:** * E, M New Type: Refiled Type: Compliance Type: Amendment Type: **Motion Type:** * 🗸 Withdraw Type: Report Type: Cancel Type: **Suspend Motion** Response: Status Change Timeout: * required **Update Cancel Delete**







Edit Record	
Security Level:	* M
Description:	* Privileged
* required	Update Cancel Delete



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▼ FERC E-FILE

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You are here: Metadata > Attachment Reference Code

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Attachment Reference Code

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	Attachment Reference Code	Filing Type	Attachment Description	Citations	Is Required	Can Waive	Attachment Security Level
0	100	700	Transmittal Letter	35.13(b)(1) - (7)	•		Р
1	300	700	Marked version of the tariff to show proposed changes	35.10(c)	•	V	Р
/	400	700	A form of notice suitable for publication in the Federal Register	35.8	V		Р
	500	700	Electric Utility Department Cost Of Service, Total And As Allocated	35.13(h) (36)	•	V	

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Electronic Tariff Management SystemTM a 1 HOME FERC E-FILE ▼ METADATA ADMIN at T **TARIFF ADMIN** eTariff Administrator | Logout You are here: Metadata > Attachment Reference Code **Edit Record** Attachment Reference 500 Code: Filing Type: 700 Attachment Description: * Electric Utility Department Cost Of Service, Total And As Allocated Citations: 35.13(h)(36) Is Required: Can Waive: **Attachment Security** Level: * required **Update Cancel Delete**



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	Filing									
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1	100	Sect. 35.17 - Withdraws	E, M						•	
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1	500	Sect. 300.14 BPA Section 7(k) filings	F							
/	600	Sect. 35.13(a)(1) - General Rate Case	E, M							
1	1,000	Sect. 35.13(a)(2)(iii) - Rate Schedule Changes Other Than Rate Increases/Compliance Filing	E, M							
1	5,400	Initial Tariff Baseline	F	~	V					



Search

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You are here: Tariff Admin > Tariffs

Browse records in all searchable columns v that contain

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Tariffs

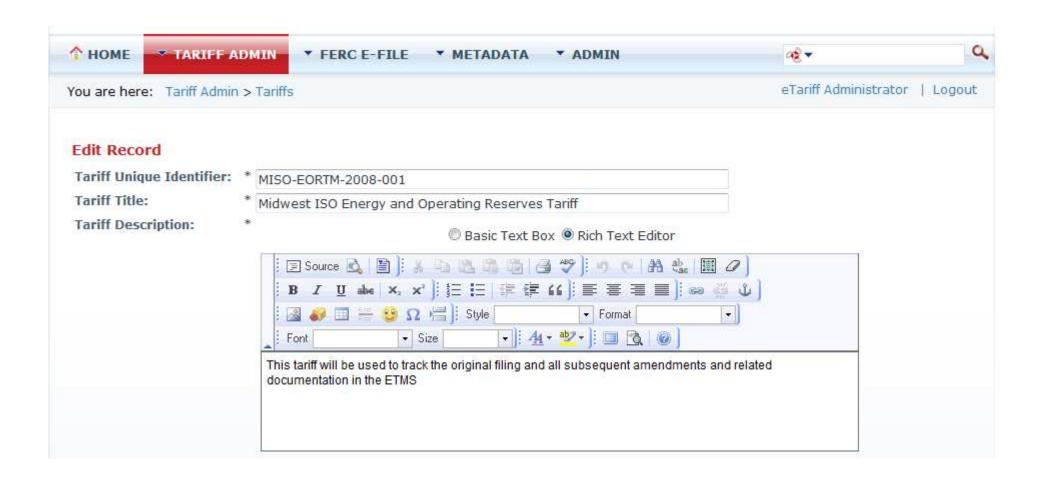
	Tariff Unique Identifier	Tariff Title	Tariff Description	Add Filing	Changed by	Changed at	Created by	Created at
	MISO- EORTM- 2008-001	Midwest ISO Energy and Operating Reserves Tariff	This tariff will be used to track the original filing and all subsequent amendments and related documentation in the ETMS		eTariff Administrator	3/29/2009 1:15 PM	eTariff Administrator	3/29/2009 1:15 PM
1	MISO- OATT- 2005-002	Midwest ISO Open Access Transmission Tariff	This tariff will be used to document initial and subsequent filings and amendments for the Midwest ISO open access transmission tariff (OATT)		eTariff Administrator	3/29/2009 1:25 PM	eTariff Administrator	3/29/2009 1:25 PM

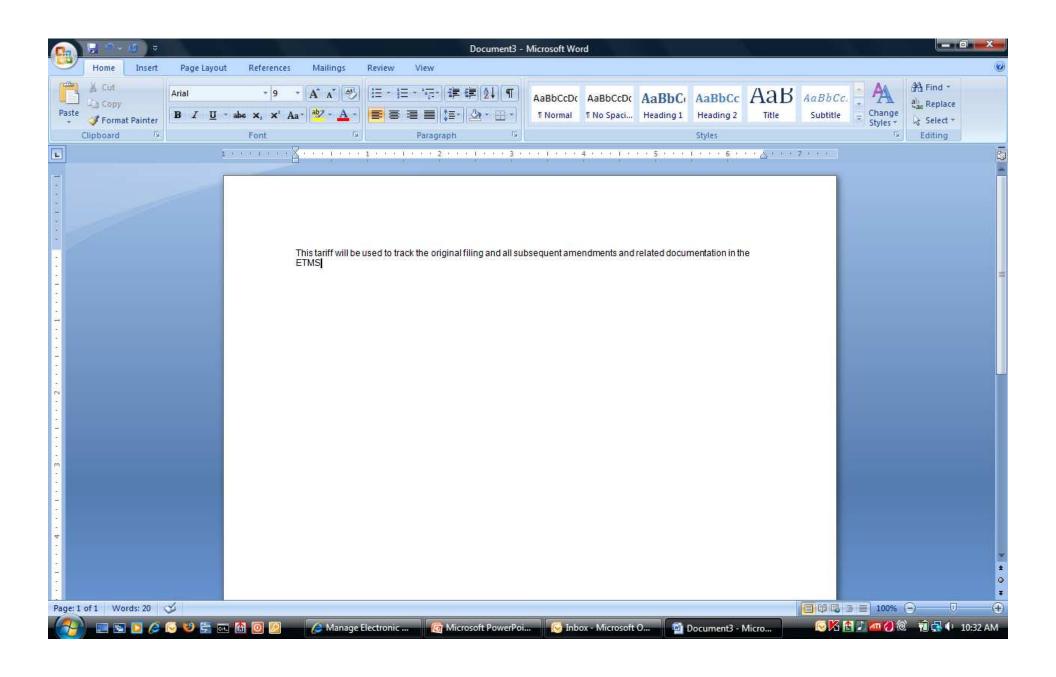
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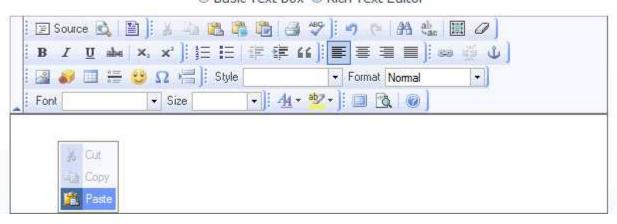
Edit Record

Tariff Unique Identifier: * MISO-EORTM-2008-001

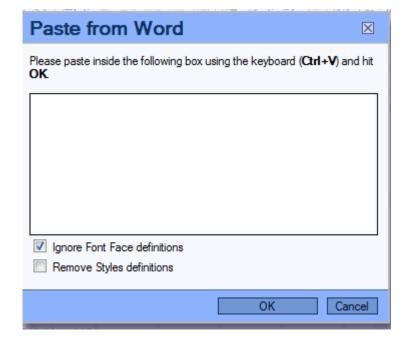
Tariff Title: * Midwest ISO Energy and Operating Reserves Tariff

Tariff Description: *

⑤ Basic Text Box ⑥ Rich Text Editor









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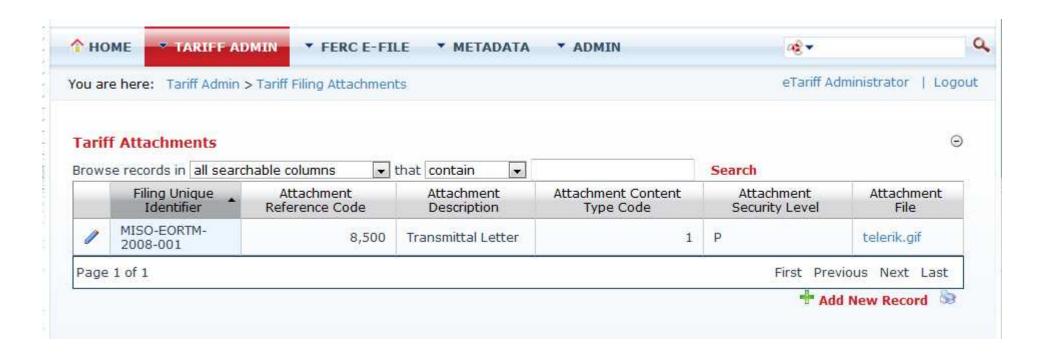
Add New Record

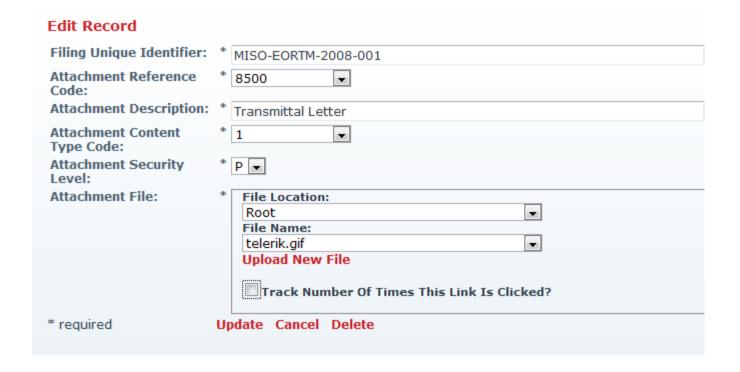
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	Tariff Unique Identifier	Filing Unique Identifier	Filing Title	Filing Type Code	Filing Description	Payment Confirmation Code	Suspend Motion	Association Filing Identifier	Validation Email
0	MISO- EORTM- 2008-001	MISO- EORTM- 2008-FLG- 001	SCHEDULE 1: Scheduling, System Control and Dispatch Service	100	Sect. 35.17 - Withdraws	EPAY-2008- 0786			ETMS_Admir
1	MISO- EORTM- 2008-001	MISO- EORTM- 2008-FLG- 002	SCHEDULE 2: Reactive Supply and Voltage Control from Generation or Other Sources Service	200	Sect. 300.10 Application for confirmation and approval (non BPA)	NA			ETMS_Admin
0	MISO- EORTM- 2008-001	MISO- EORTM- 2008-FLG- 003	SCHEDULE 3: Regulation and Frequency Response Service	500	Sect. 300.14 BPA Section 7 (k) filings	EPAY 2009- 0076543		MISO- EORTM- 2008-FLG- 001	ETMS_Admir
1	MISO- EORTM- 2008-001	MISO- EORTM- 2008-FLG- 004	SCHEDULE 4: Energy Imbalance Service	5,400	Initial Tariff Baseline	NA			ETMS_Admir
1	MISO- EORTM- 2008-002	MISO- EORTM- 2008-FLG- 005	Congestion Management Process	5,400	Initial Tariff Baseline	NA			ETMS_Admir















Solution Features

- Conformance to FERC/NAESB Standards for XML submission
 - Compliance with XSD version changes included in the maintenance package
- ➤ Web-based solution
 - Compatible with all major browsers Internet Explorer, Firefox
 - Built-in Rich Text Editor
 - Secure collaborative environment
- Tariff information persisted in database and file systems, providing historical timeline and changes
 - Robust search capabilities for past tariff versions
 - Integrated tracking of submission life cycle
- ➤ Tariff information separated into:
 - Metadata
 - Attachment content
 - Filing Records
- Records Management eases long-term maintenance and upkeep of the tariff and related filings



> Add-on options

- Integration with proprietary and non-RTF formats
- Integration with existing tariff management systems
- Migration of existing content into ETMS structure

> Turnkey development

- Integration with existing tariff management systems
- Custom add-ons for ISO/RTO workflows

License Utilicast e-Tariff product as-is

- In-house deployment
- Utilicast support and maintenance

➤ Hosted Utilicast solution

Hosting and Support





Questions?



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