DSS Task Force
March 16, 2004

For Discussion of:

NYISO Decision Support System

Customer Settlements Data Mart

Today's Agenda

- ➢ DSS Operational Update
  - ▪ *Market Participant DSS Experience / Comments To-Date*
- ➢ DSS Project Update / Team Reports
  - ▪ *March Release Details*
  - ▪ *New Version History Mapping Report Design*
- ➢ Alternate Data Delivery Efforts –Functionality High-Level Overview
- ➢ DSS Did You Know?
  - ▪ *LSE/TC Ancillary Services Additional Details*
- ➢ New User Documentation
  - ▪ *Draft DSS Billing Code Mapping Document*
  - ▪ *Draft DSS Release Matrix*

DSS Operational Update

➢ Market Participant DSS Experience / Comments To-Date

- ***What are you doing with the DSS?***

- ***What issues are you experiencing?***

Project Update / Status – Team Reports

- ➢ **Team Reports**
  - ▪ *Requirements Team*
  - ▪ *Application Team*
  - ▪ *ETL Team*
  - ▪ *QA Team*

- ➢ **March Release**
  - ▪ *Additional Power Supplier Supporting Data*
    - ‣ DAM BPCG Credits to Gens – Start Up Component
    - ‣ RT BPCG Credits to Gens – Start Up Component
    - ‣ 10 Minute Reserve Shortfall Charge – Determinant Support
    - ‣ ELR DAM Margin Assurance Settlement
    - ‣ Power Supplier related determinant gaps from Release D

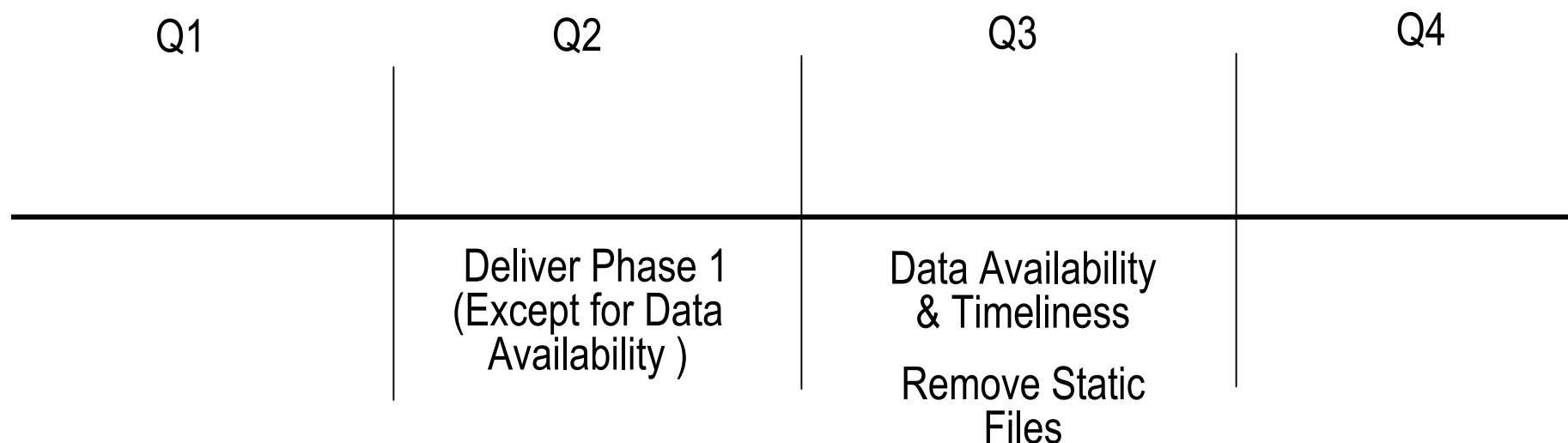# New Version History Mapping Report Design

Test format

Organization 1	February 2003

Settlement Type	4 Month Settlement	Rebill	8 Month Settlement	Rebill	Uninvoiced	Rebill	Total February 2003 Payment/Charge	% Change From to Uninvoiced
Invoice Date	07/09/2003	Payment /Charge	11/11/2003	Payment /Charge	03/05/2004	Payment /Charge		
Number of days loaded to DSS	28		28		28			
301 Day Total DAM Stlmnt - Gen ($)	83,353,824.82	83,353,824.82	83,353,824.82	0.00	83,353,824.82	0.00	83,353,824.82	-100.00 %
304 Day Total BalMkt Stlmnt - Gen ($)	2,698,955.46	2,698,955.46	2,705,775.33	6,819.87	2,705,775.33	0.00	2,705,775.33	-100.00 %
302 Day DAM BPCG Stlmnt ($)	393,508.01	393,508.01	393,504.27	-3.74	393,504.27	0.00	393,504.27	-100.00 %
305 Day RT BPCG Stlmnt ($)	2,140,321.12	2,140,321.12	2,075,832.20	-64,488.92	2,075,832.20	0.00	2,075,832.20	-100.00 %
Sum:	88,586,609.41	88,586,609.41	88,528,936.62	-57,672.79	88,528,936.62	0.00	88,528,936.62	-100.00 %

Key Issue: DSS does not contain historical data, therefore….

Tentative ADD Timeline - 2004

Q1	Q2	Q3	Q4
	Deliver Phase 1 (Except for Data Availability)	Data Availability & Timeliness Remove Static Files	

05/12/04 – ADD Technical Specification

06/30/04 – ADD Delivery

~08/31/2004 – Static Advisory Removal

ADD – Design Considerations

➤ **This interface will be limited to retrieving Settlement Days / Versions that are stored in the DSS.**

➤ **This interface will be limited to retrieving individual data elements that are stored in the DSS.**

➤ **Once settlement days are re-spun for un-invoiced days and versions, the prior version of data is over-written. The DSS only retains one un-invoiced version of the data at any time (version 0).**

➤ **The DSS is only loaded once per day, so requesting the same day and version of data within the same day is redundant. Polling the system for changes more than once per day is unnecessary.**

ADD – Known Issues

➢ **Due to the Differences in Versioning Strategies:**

■ *Update vs. Insert*

▸ DSS keeps all un-invoiced versions of settlements data as V0. Therefore, as un-invoiced data is re-settled in BAS, we will re-issue V0.

■ *Un-Invoiced Data vs. Invoiced Data*

▸ There will have to be specific consideration of how to publish reports via ADD for invoiced data sets. Proposal is to automatically publish un-invoiced data, and allow users to request invoiced sets manually, if desired.

➢ **Filename Change**

■ *The advisory file names will need to include Organization Name.*

ADD Functional Overview
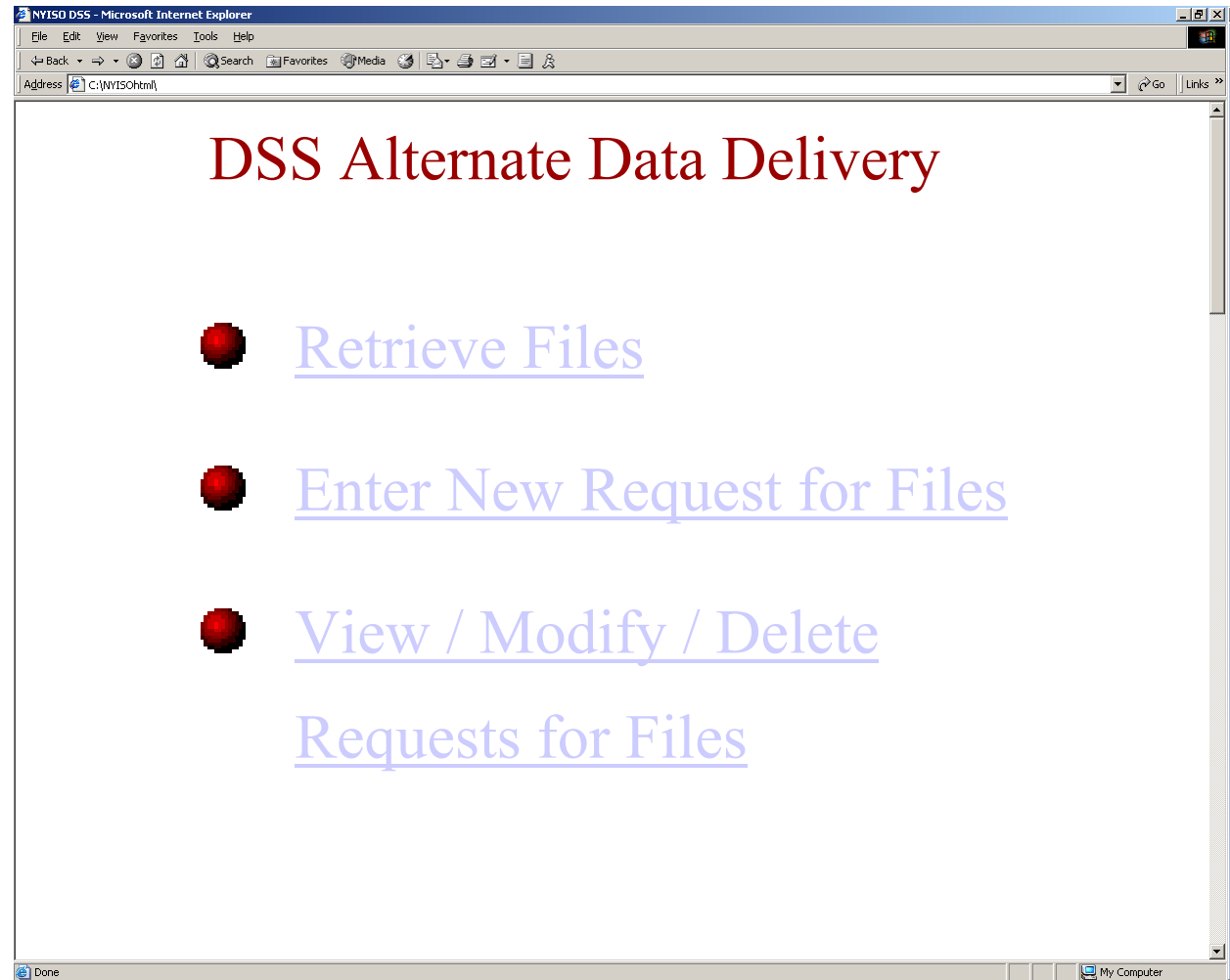
Users will link to this page from the InfoView Welcome Page.

ADD Functional Overview
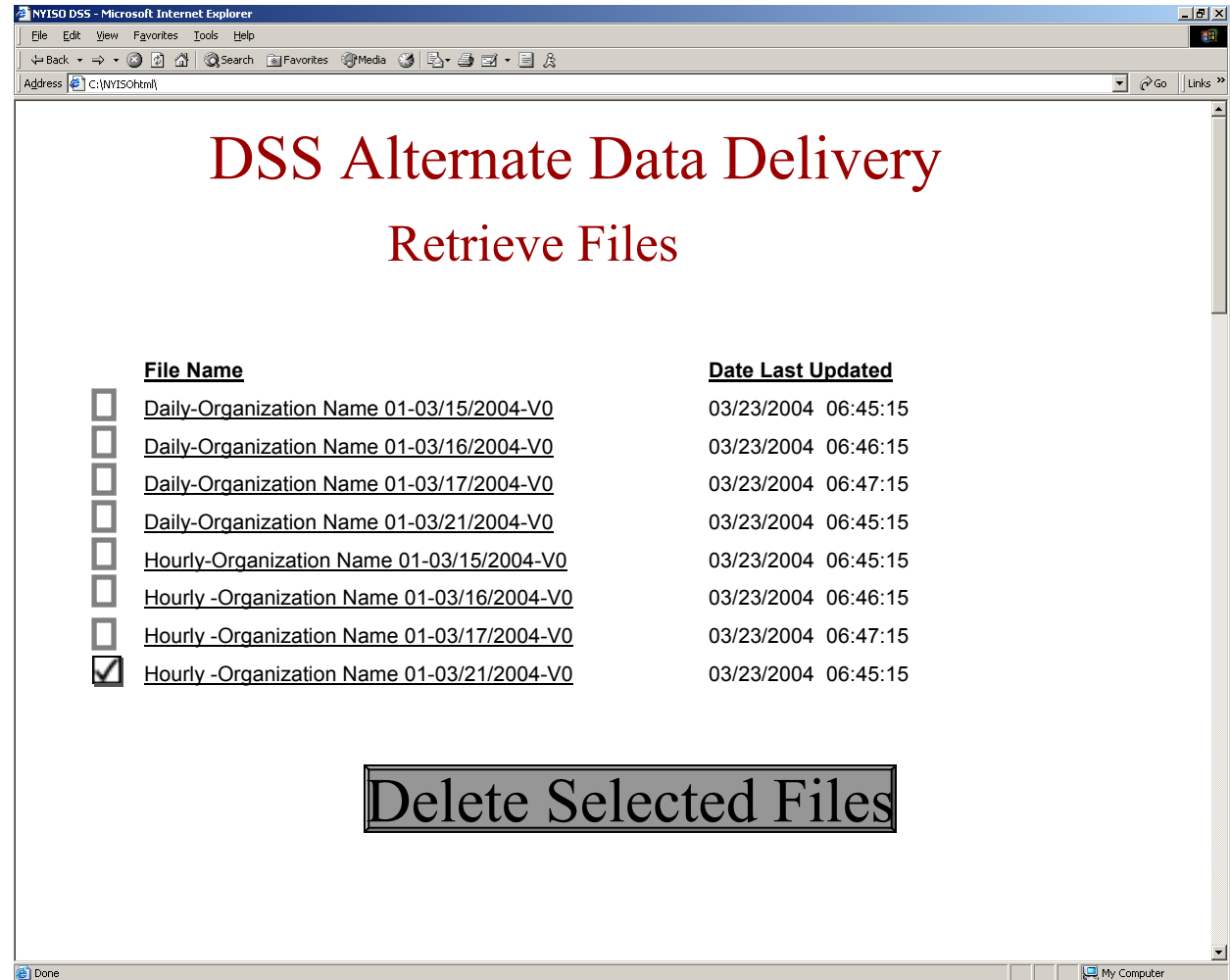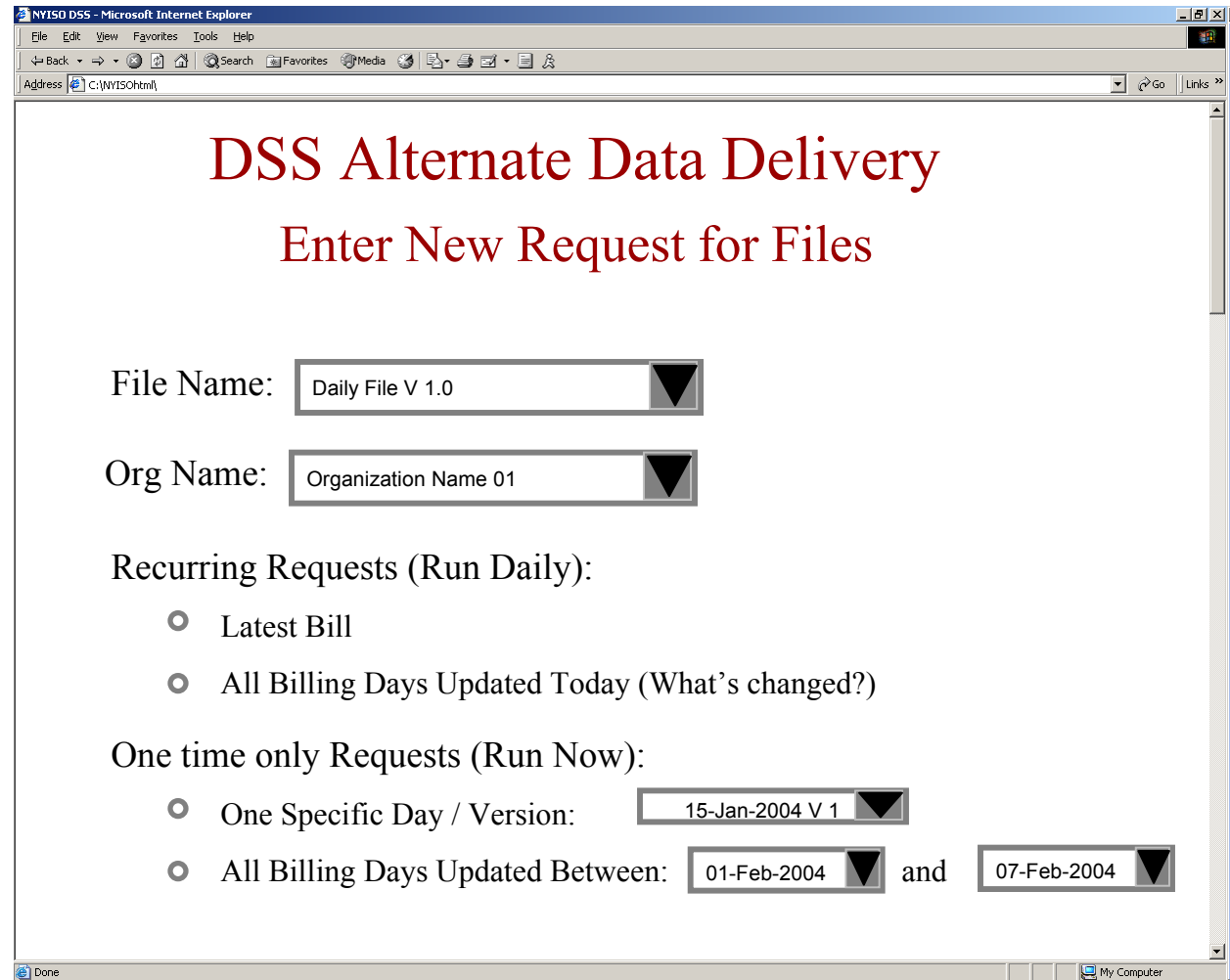
Click File Name to Retrieve File.

Select Check Box to Delete.

ADD Functional Overview

• One File Type per request

• One Organization per request

ADD Functional Overview

DSS – Did You Know?

- ## LSE/TC Ancillary Services Additional Details

  - *DSS contains all of the data that supports the current LSE AS Determinants Report.*

  - *However, there are several improvements…*

    - ▸ Report is designed to efficiently support settlement reconciliation.
    - ▸ The data is organized by settlement… showing the determinants by settlement (vs. just a single report across settlements).
    - ▸ The NYISO-wide determinants are shown in combination with the MP's Load Data, including load ratio share (vs. only NYISO-wide data, requiring MPs to combine the data manually to reconcile).
    - ▸ The data used is in there reports is from DSS, therefore:
      - – It is the same data set you are accessing in (or directly linked to) all other DSS Reports.
      - – Users can customize their analysis using DSS's features and capabilities.

  - *See the LSE/TC Settlement Details Corporate Reports.*

New User Documentation

- ➢ **Please see posted drafts of the proposed User Documents….**
  - ▪ *DSS Release Matrix*
  - ▪ *DSS Billing Code Mapping Document*
- ➢ **These documents are now in the documentation review process, and should be published with other DSS User Documentation shortly.**
- ➢ **Any suggestions?**