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April 1, 2019

Divisional Accounting

Phase 8a

Informational Reporting - Billing by Subaccount in Individual Files



Objectives

After reading this divisional accounting presentation, you will be able to:

- Recognize the structure of the divisional accounting option for ISO New England market settlements
- Recognize new reports available in May 2019 to customers who have enabled divisional accounting
- Find reference material for using divisional accounting



Topics

- Divisional Accounting Overview
- Phase 8a: Reporting Updates
- References & Resources





Divisional Accounting Overview

Overview of Divisional Accounting Project

Divisional accounting is an optional feature that allows customers to assign market activity to a **subaccount** or division for settlement reporting

ISO's settlement system provides one account for each Market Participant

Market Participants requested a divisional accounting option to create subaccounts that make sense for their business

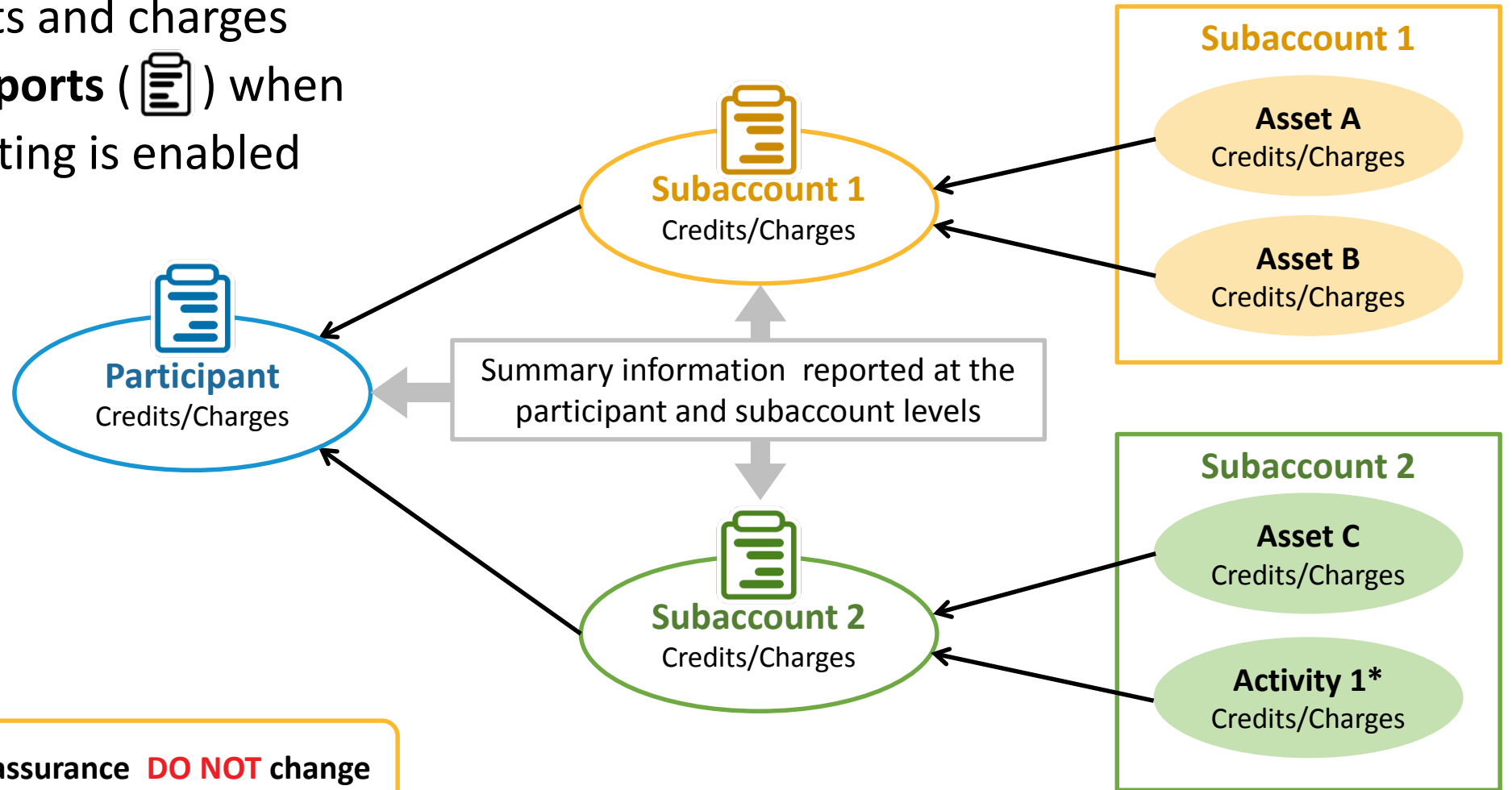
ISO New England is using a multi-year, phased rollout of software enhancements to fulfill this request

- Provide subaccount level reporting in settlement Market Information Server (MIS) reports
- Enhance MIS reports to report activity by subaccount

** Bills and Financial Assurance determination remain unchanged*

Subaccounts on MIS Reports

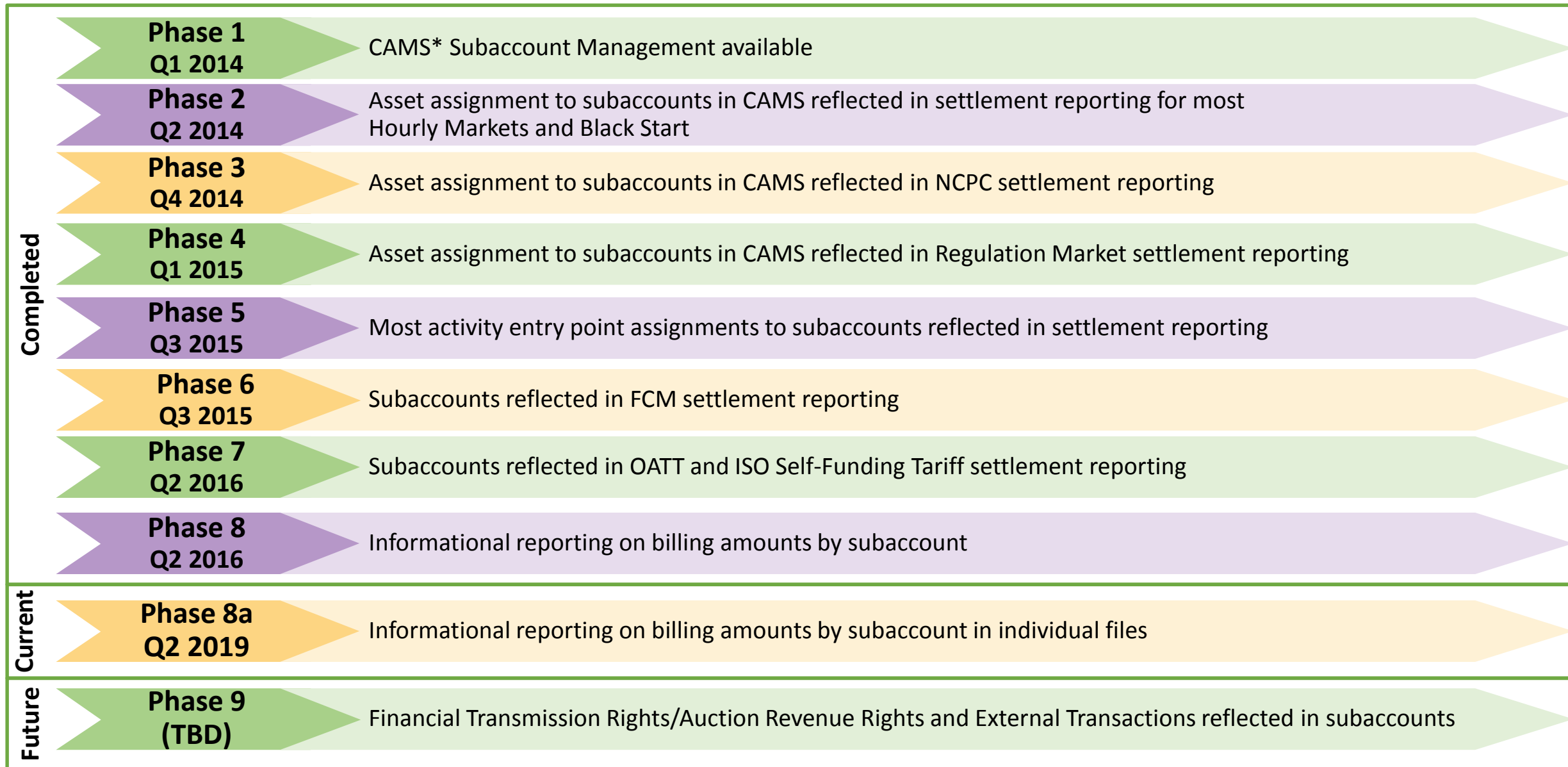
Subaccount credits and charges appear on **MIS reports** (📄) when subaccount reporting is enabled



Billing and financial assurance DO NOT change

** Activity 1 could be demand bidding, virtual transactions, or internal bilateral transactions*

Updated Divisional Accounting Implementation Plan

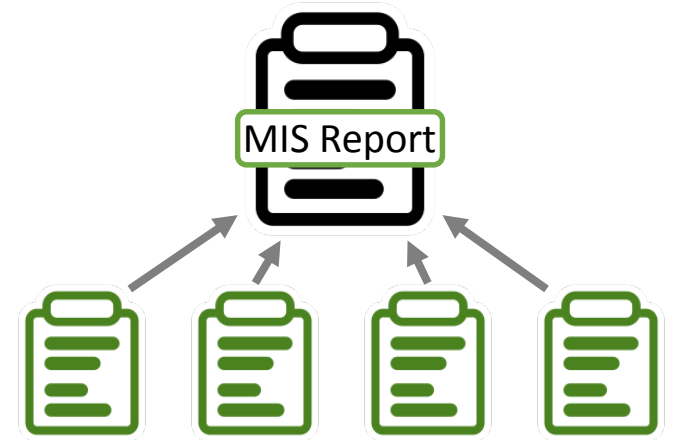


* Customer & Asset Management System

Setting Up Subaccounts

High Level Overview

1. Plan your subaccounts
2. Create subaccounts in CAMS
3. Map assets to subaccounts in CAMS
4. Test subaccounts communications in Sandbox
 - eMarket
 - Internal Bilateral Transaction User Interface (IBT UI)
5. Enable subaccount reporting in CAMS





Phase 8a Updates:

New Informational Settlement Reports for Subaccounts

Phase 8a
Q2 2019

Informational reporting on billing amounts by subaccount in individual files

Phase 8a Reports Release

Phase 8a

Reports release:
May 1, 2019

May

1

Phase 8a Overview

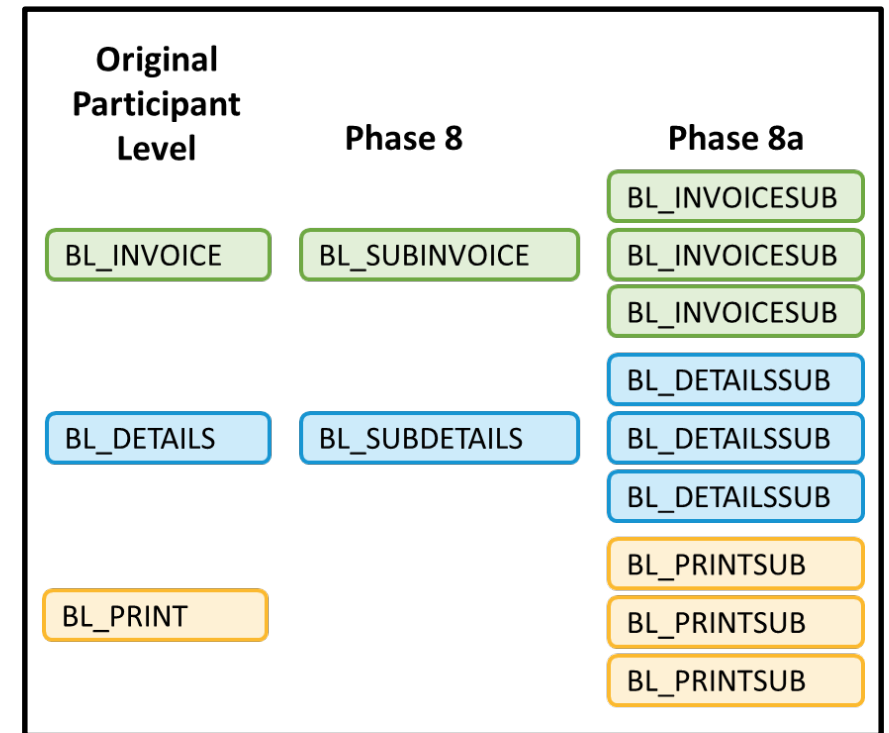
Divisional Accounting Informational Billing Reports

Phase 8a
Q2 2019

Informational reporting on billing amounts by subaccount in individual files

Separate, distinct Market Information Server (MIS) invoice settlement reports created for each subaccount

- New reports provide the same data for each subaccount in separate files
 - File name convention is BL_XXXXXXSUB
- Participant level invoice reports are unchanged
- Subaccount MIS report set is unchanged
 - Subaccount ID number shown for every line of data
 - File name convention is BL_SUBXXXXXXX



Phase 8a Overview, continued

Divisional Accounting Informational Billing Reports

Phase 8a
Q2 2019

Informational reporting on billing amounts by subaccount in individual files

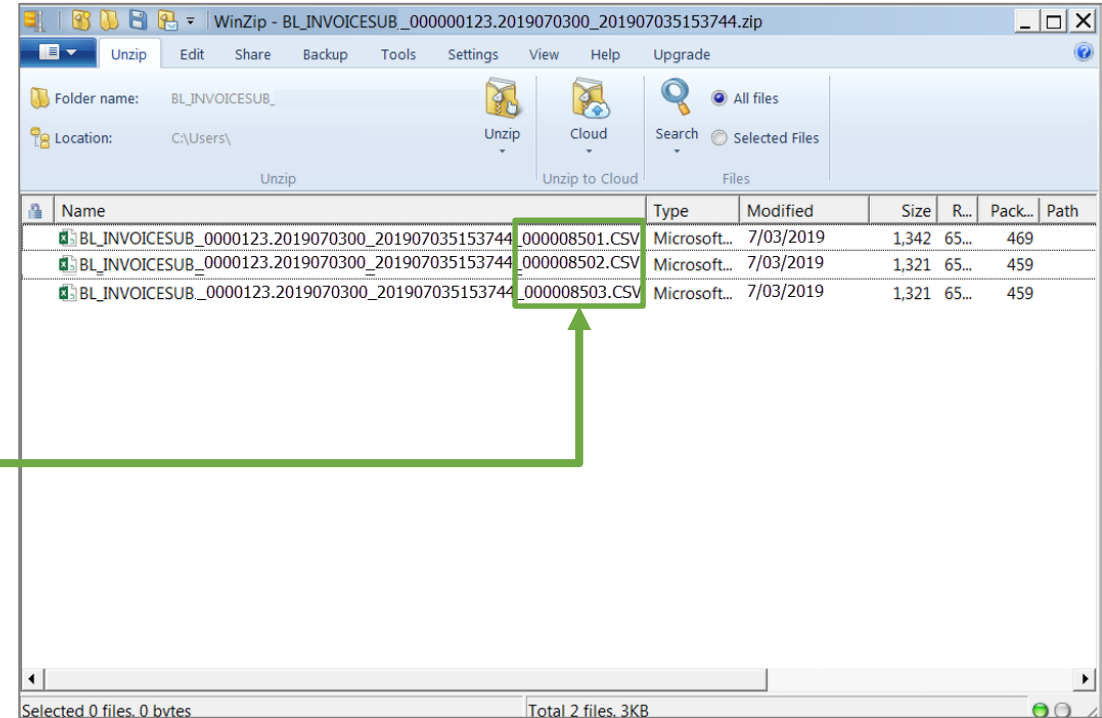
Separate, distinct MIS invoice settlement reports created for each subaccount

- MIS zip files will include multiple reports; one for each subaccount
 - BL_INVOICESUB
 - BL_DETAILSSUB
 - BL_PRINTSUB

Individual reports inside zip file have a subaccount number* added to their names

@ [Report descriptions](#) are available on ISO website

* Subaccount numbers are constants and are assigned by ISO



Divisional Accounting Invoice Report

Relationship of Existing Reports to New Reports

Existing reports:

BL INVOICE Customers continue to be billed (or paid) based on the BL_INVOICE report

Line Items							
Line Number	Description String	Bill From Timestamp	Bill To Timestamp	Document Ref String	Quantity Number	Unit of Measure String	Net Amount \$
1	Day-Ahead Energy	6/27/19 12:00 AM	6/30/19 12:00 AM				- 50,000.00

BL SUBINVOICE

Subaccount		Line Items							
Subaccount ID String	Subaccount Name String	Line Number	Description String	Bill From Timestamp	Bill To Timestamp	Document Ref String	Quantity Number	Unit of Measure String	Net Amount \$
Default	Default	1	Day-Ahead Energy	6/27/19 12:00 AM	6/30/19 12:00 AM				- 1,000.00
CT_ABC	CT Load	2	Day-Ahead Energy	6/27/19 12:00 AM	6/30/19 12:00 AM				- 19,000.00
MA_XYZ	MA Load	3	Day-Ahead Energy	6/27/19 12:00 AM	6/30/19 12:00 AM				- 30,000.00

Net totals do not change

Bill amounts in **BL_SUBINVOICE** are also reported separately for each subaccount in **BL_INVOICESUB** reports

New reports:

BL_INVOICESUB

Subaccount		Line Items							
Subaccount ID String	Subaccount Name String	Line Number	Description String	Bill From Timestamp	Bill To Timestamp	Document Ref String	Quantity Number	Unit of Measure String	Net Amount \$
Default	Default	1	Day-Ahead Energy	6/27/19 12:00 AM	6/30/19 12:00 AM				- 1,000.00

BL_INVOICESUB

Subaccount		Line Items							
Subaccount ID String	Subaccount Name String	Line Number	Description String	Bill From Timestamp	Bill To Timestamp	Document Ref String	Quantity Number	Unit of Measure String	Net Amount \$
CT_ABC	CT LOAD	2	Day-Ahead Energy	6/27/19 12:00 AM	6/30/19 12:00 AM				- 19,000.00

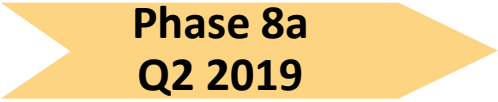
BL_INVOICESUB

Subaccount		Line Items							
Subaccount ID String	Subaccount Name String	Line Number	Description String	Bill From Timestamp	Bill To Timestamp	Document Ref String	Quantity Number	Unit of Measure String	Net Amount \$
MA_XYZ	MA LOAD	3	Day-Ahead Energy	6/27/19 12:00 AM	6/30/19 12:00 AM				- 30,000.00

 **Billing process DOES NOT change**

Divisional Accounting PDF Report File

Relationship of Existing Report to New Reports



Existing report: BL_PRINT

ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841

Invoice

ATTN: John Doe
ABC Energy
123 Energy Drive
Anytown MA 12345-1234

DOCUMENT NUMBER: 123456
DOCUMENT DATE: 07/03/2019
PAGE: 1 of 1
DUE DATE: 07/05/2019
CUSTOMER ID: 123

WIRE TRANSFER INSTRUCTIONS

FROM: TO:
BANK: BANK:
ABA: ABA:
ACCOUNT: ACCOUNT:

LINE	DESCRIPTION	BILL FROM/ BILL TO	DOCUMENT REF.	NET AMOUNT
1	Day-Ahead Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		50,000.00
2	Real-Time Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		0.00
3	Regulation 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
4	Reserve Market 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
5	Day-Ahead NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
6	Real-Time NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00

NET AMOUNT DUE: 50,000.00

New reports: BL_PRINTSUB

ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841

Invoice - FOR INFORMATION ONLY

ATTN: John Doe
ABC Energy
123 Energy Drive
Anytown MA 12345-1234

DOCUMENT NUMBER: 123456
DOCUMENT DATE: 07/03/2019
PAGE: 1 of 1
CUSTOMER ID: 123

INFORMATIONAL REPORT ON BILLING BY SUBACCOUNT

Subaccount ID: 8501
Subaccount Name: Default

LINE	DESCRIPTION	BILL FROM/ BILL TO	DOCUMENT REF.	NET AMOUNT
1	Day-Ahead Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		1,000.00
2	Real-Time Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		0.00
3	Regulation 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
4	Reserve Market 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
5	Day-Ahead NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
6	Real-Time NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00

NET AMOUNT DUE: 1,000.00

ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841

Invoice - FOR INFORMATION ONLY

ATTN: John Doe
ABC Energy
123 Energy Drive
Anytown MA 12345-1234

DOCUMENT NUMBER: 123456
DOCUMENT DATE: 07/03/2019
PAGE: 1 of 1
CUSTOMER ID: 123

INFORMATIONAL REPORT ON BILLING BY SUBACCOUNT

Subaccount ID: 8502
Subaccount Name: CT LOAD

LINE	DESCRIPTION	BILL FROM/ BILL TO	DOCUMENT REF.	NET AMOUNT
1	Day-Ahead Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		19,000.00
2	Real-Time Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		0.00
3	Regulation 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
4	Reserve Market 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
5	Day-Ahead NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
6	Real-Time NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00

NET AMOUNT DUE: 19,000.00

ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841

Invoice - FOR INFORMATION ONLY

ATTN: John Doe
ABC Energy
123 Energy Drive
Anytown MA 12345-1234

DOCUMENT NUMBER: 123456
DOCUMENT DATE: 07/03/2019
PAGE: 1 of 1
CUSTOMER ID: 123

INFORMATIONAL REPORT ON BILLING BY SUBACCOUNT

Subaccount ID: 8503
Subaccount Name: MA LOAD

LINE	DESCRIPTION	BILL FROM/ BILL TO	DOCUMENT REF.	NET AMOUNT
1	Day-Ahead Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		30,000.00
2	Real-Time Energy 0.000	06/27/2019 00:00 06/30/2019 00:00		0.00
3	Regulation 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
4	Reserve Market 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
5	Day-Ahead NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00
6	Real-Time NCPC 0.000	06/25/2019 00:00 06/26/2019 00:00		0.00

NET AMOUNT DUE: 30,000.00

Subaccount informational invoices total to the participant actual invoice amount



Divisional Accounting References and Resources

Divisional Accounting References

Participants choosing to use the divisional accounting option will define their subaccounts in accordance with their business needs

- See [ISO New England - Divisional Accounting Project](#)
- See [Divisional Accounting Overview](#)
- See [Quick Start Guide for Divisional Accounting](#)



Customer Support Information



[Ask ISO](#) (preferred)

- Self-service interface for submitting inquiries
- Recommended browsers are Google Chrome and Mozilla Firefox
- For more information, see the [Ask ISO User Guide](#)

Other Methods of Contacting Customer Support

Method	Contact Information	Availability
Email	<u>custserv@iso-ne.com</u>	Anytime
Phone*	(413) 540-4220 (833)248-4220	Monday through Friday 8:00 a.m. to 5:00 p.m. (EST)
Pager (emergency inquiries)	(877) 226-4814	Outside of regular business hours

**Recorded/monitored conversations*